

CURRICULUM VITAE

Ziyad Mousa Hijazi, M.D., M.P.H., FACC, MSCAI, FAHA, FPICS

Professor of Pediatrics & Medicine

Weill Cornell Medical College

Chief Medical Officer

Director, Sidra Heart Center

Sidra Medicine

Past President, Society for Cardiovascular Angiography & Interventions (SCAI)

President, Pediatric and Congenital Interventional Cardiovascular Society (PICS Society)

ADDRESS: Sidra Medicine
Level 2 OPC, office 115
AL Luqta Street, Education City North Campus
Qatar Foundation
PO Box 26999-Doha, Qatar
Direct: +974-4003-6601
Email Address: zhijazi@sidra.org, www.sidra.org

DATE OF BIRTH: June 1, 1958

PLACE OF BIRTH: Jordan

CITIZENSHIP: United States

MARITAL STATUS: Spouse, Marie
Child, Tarek BD: 2/29/88

EDUCATION

1984-1986 Yale University School of Medicine, New Haven, CT.
Department of Epidemiology and Public Health.
M.P.H. 1986

1976-1982 Jordan University School of Medicine
Amman-Jordan, M.B.B.S. 1982.

POST GRADUATE TRAINING

1982-1983 Rotating Internship, King Hussein Medical Center,
Amman-Jordan

1983-1984 GP, Royal Medical Services, Amman-Jordan

1986-1987 Intern, Department of Pediatrics, Yale New Haven
Hospital, New Haven, CT

1987-1988 Resident, Department of Pediatrics, Yale New

| | |
|-----------|---|
| 1988-1991 | Haven Hospital, New Haven, CT Post Doctoral Fellow, Pediatric Cardiology, Yale University School of Medicine, New Haven, CT |
| 1989-1991 | Interventional Fellow, Pediatric Cardiology, Yale New Haven Hospital, New Haven, CT |

LICENSE AND CERTIFICATION

| | |
|------|---|
| 1982 | Jordan |
| 1988 | Connecticut, License No. 028953 |
| 1991 | Massachusetts, License No. 73681 |
| 1991 | American Board of Pediatrics |
| 1992 | American Board of Pediatric Cardiology |
| 1998 | Rhode Island, License No. MD09717 |
| 1999 | Illinois, License No. 036-100081 |
| 2000 | Indiana, License No. 01052399A |
| 2004 | General Medical Council (UK) No. 6059542 |
| 2015 | American Board of Adult Congenital Heart Disease |
| 2016 | American Board of Pediatrics- Sub Board Pediatric Cardiology Recertification, November 18, 2018. |

ACADEMIC APPOINTMENTS

| | |
|--------------------|--|
| 1991-1996 | Assistant Professor of Pediatrics, Tufts University School of Medicine, Boston, MA |
| 1994-1996 | Assistant Professor of Medicine, Tufts University School of Medicine, Boston, MA |
| 1997-1999 | Associate Professor of Pediatrics, Tufts University School of Medicine, Boston, MA |
| 1997-1999 | Associate Professor of Medicine, Tufts University School of Medicine, Boston, MA |
| 1999-2006 | Chief, Section of Pediatric Cardiology, Professor of Pediatrics and Medicine, University of Chicago, Chicago, IL |
| 2005-2007 | George M. Eisenberg Professorship-Endowed Chair |
| 2006-2007 | Professor of Pediatrics and Medicine, University of Chicago, Chicago, IL |
| 2007-2014 | Professor, Pediatrics and Internal Medicine, Director, Rush Center for Congenital and Structural Heart Disease, Section Chief, Pediatric Cardiology, Rush University Medical Center, Chicago, IL |
| 2007-Present | Professor of Pediatrics & Internal Medicine, Rush University Medical Center, Chicago, IL |
| 2009-2014 | James A. Hunter MD, University Chair (Endowed Chair) |
| 2014-2019 | Chair, Department of Pediatrics, Sidra Medical and Research Center, Doha, Qatar |
| 2014-Present | Director, Sidra Cardiovascular Center of Excellence, Sidra Medical & Research Center, Doha, Qatar |
| 5/2014-12/2015 | Acting Chief Medical Officer, Sidra Medical & Research Center, Doha, Qatar |
| 2015-Present | Professor of Pediatrics, Weill Cornell Medical College, New York. |
| 2017-Present | Professor of Medicine, Weill Cornell Medical College, New York. |
| 4/2019-2021 | Executive Chairman, Pediatric Medicine, Sidra Medicine |
| 4/2/2020-4/25/2021 | Acting Chief Medical Officer, Sidra Medicine, Doha, Qatar |
| 3/1/21-Present | Co-Chair: Qatar Precision Medicine Institute's (QPMI) Clinical Council. |
| 4/25/21-Present | Chief Medical Officer, Sidra Medicine, Doha, Qatar |

HOSPITAL APPOINTMENTS

| | |
|--------------|--|
| 1992-1997 | Consulting Pediatric Cardiologist, North Shore Children's Hospital, Salem, MA |
| 1992-1999 | Consulting Pediatric Cardiologist, South Shore Hospital, Weymouth, MA |
| 1992-1999 | Consulting Pediatric Cardiologist, Newton-Wellesley Hospital, Newton, MA |
| 1991-1997 | Assistant Cardiologist, Department of Pediatrics, Division of Cardiology, New England Medical Center, Boston, MA |
| 1992-1995 | Associate Cath Lab Director and Director of Interventional Cardiology, New England Medical Center, Boston, MA |
| 1994 | Visiting Consultant, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom Saudi Arabia |
| 1995-1999 | Director, Pediatric Cardiac Catheterization Laboratory |
| 1996-1999 | Consulting Pediatric Cardiologist, Massachusetts General Hospital, Boston, MA |
| 1997-1999 | Chief, Division of Pediatric Cardiology Floating Hospital for Infants and Children, New England Medical Center, Boston, MA |
| 1999-2004 | Director, Pediatric Cardiac Catheterization Laboratory, University of Chicago Children's Hospital |
| 1999-2007 | Chief, Section of Pediatric Cardiology University of Chicago Children's Hospital |
| 2000-2011 | Consulting Pediatric Cardiologist, MacNeal Hospital, Berwyn, IL |
| 2000-2011 | Consulting Pediatric Cardiologist, Edward Hospital, Naperville, IL |
| 2001-2012 | Consulting Pediatric Cardiologist, Hinsdale Hospital, Hinsdale, IL |
| 2001-2012 | Consulting Pediatric Cardiologist, LaGrange Memorial Hospital, LaGrange, IL |
| 2001-2005 | Consulting Pediatric Cardiologist, The Methodist Hospitals, Gary, IN |
| 2002-2011 | Consulting Pediatric Cardiologist, St. John's Hospital, Springfield, IL |
| 2002-2014 | Consulting Pediatric Cardiologist, Provena Saint Joseph Medical Center, Joliet, IL |
| 2002-2014 | Consulting Pediatric Cardiologist, Good Samaritan Hospital, Downers Grove, IL |
| 2003-2005 | Consulting Pediatric Cardiologist, Rush Presbyterian St. Luke's Medical Center, Chicago, IL |
| 2004-2008 | Consulting Pediatric Cardiologist, Cook County Hospital, Chicago, IL |
| 2005-2008 | Consulting Pediatric Cardiologist, Lutheran General Hospital, Park Ridge, IL |
| 2006-2011 | Consulting Pediatric Cardiologist, Gottlieb Memorial Hospital, Melrose Park, IL |
| 2007-2013 | Director, Rush Center for Congenital and Structural Heart Disease, Section Chief, Pediatric Cardiology, Rush University Medical Center, Chicago, IL |
| 2007-2014 | Director, Rush Center for Congenital and Structural Heart Disease, Chicago, IL |
| 2008-2014 | Consulting Pediatric Cardiologist, Westlake Hospital, Melrose Park, IL |
| 2014-present | Director, Sidra Heart Center, Sidra Medical and Research Center, Doha, Qatar |
| 2014-present | Consulting Pediatric Cardiologist, Hamad General Hospital, Doha, Qatar |

SOCIETIES

| | |
|--------------|---|
| 1986-1992 | Junior Fellow, American Academy of Pediatrics |
| 1988-1993 | Associate Fellow, American College of Cardiology |
| 1989-present | Member, American Arab Medical Association |
| 1991-present | Member, American Medical Association |
| 1991-present | Member, American Heart Association, CV Surgery Council, CV Disease in Young Council |
| 1992-present | Fellow, American Academy of Pediatrics |
| 1993-present | Fellow, American College of Angiology |
| 1993-present | Member, Massachusetts Medical Society |
| 1995-1996 | Member, Society for Cardiac Angiography and Intervention |
| 1996-2014 | Fellow, Society for Cardiac Angiography and Intervention |
| 1996-2006 | Fellow, European Society of Cardiology |
| 1997-present | Honorary Member, Venezuelan Society of Interventional Cardiology |
| 1998-2005 | Member, Association of European Pediatric Cardiology |
| 1999-present | Corresponding Member, Argentine Society of Cardiology |
| 1999-present | Midwest Pediatric Cardiology Society |
| 2002-present | Inaugural Fellow of the Council on Cardio-Thoacic and Vascular Surgery (F.A.H.A.) Fellow of the American Heart Association |
| 2005-present | The International Society of Invasive Cardiology in Congenital Heart Disease |
| 2008-2009 | President, Society for Cardiac Angiography and Intervention |
| 2014-present | Master of the Society for Cardiovascular Angiography and Interventions |
| 2020-present | President, PICS Society 9/2020 |

AWARDS & HONORS

| | |
|--------------|--|
| Jan-Dec 2004 | Outstanding Editorial Board Member of the Year, Catheterization and Cardiovascular Interventions |
| June 2005 | Appointment as the George M. Eisenberg Professor, Department of Pediatrics and Medicine, University of Chicago |
| Jan-Dec 2005 | Most Manuscripts Submitted in a Year, Catheterization and Cardiovascular Interventions |
| 2001 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2002 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2003 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2004 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2005 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2006 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2006 | Recognition as Founder of Pediatric Interventionald Cardiac Symposium and Ten Years of Dedication and Service, PICS 2006, Las Vegas, NV, September 11, 2006 |
| 2007 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2008 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2009 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2010 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2011 | Appointment as the James A Hunter MD, University Chair, Rush University |
| 2011 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2011 | Boston City Award in Recognition for Contributions to Field of Cardiology, PICS 2011, Boston, MA July 24, 2011 Proclaiming July 24 th Ziyad M. Hijazi Day |
| 2012 | America's Top Doctors Award, The Nation's Leading Medical Specialists |

| | |
|------|--|
| 2012 | Charles E. Mullins Interventional Lecture Series Award: In Recognition of Excellence, Baylor College of Medicine, Texas Children's Hospital, March 16, 2012 |
| 2012 | The 2012 Frank Hildner Elite Reviewer Award presented by the Editorial Office of Cardiac Catheterization and Interventions, the official publication of the Society for Cardiac Angiography and Intervention |
| 2013 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2014 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2014 | Master of the Society for Cardiovascular Angiography and Interventions |
| 2014 | Leader in Children's Heart Care, <i>Visionary Award</i> presented by The Children's Heart Foundation, November 15, 2014, Chicago, IL |
| 2015 | America's Top Doctors Award, The Nation's Leading Medical Specialists |
| 2015 | The Shield of the Higher Council for Science and Technology, presented by HRH Prince El Hassan of Jordan, June 10th, 2015. |
| 2017 | CSI Asia-Pacific Achievement Award. March 3rd, 2017, Bangkok-Thailand. |
| 2017 | Honorary Professor at the University of Jordan, School of Medicine. July 4 th , 2017. |
| 2017 | Land Mark lecture: Interventional Cardiac Catheterization: Past, present and Future. World Congress of Pediatric Cardiology & Cardiac Surgery, Barcelona, Spain, July 16-22, 2017. |
| 2018 | Mentorship award from PICES (Young Interventionalists), received during PICS 2018. |
| 2019 | Honored by the State of Kuwait among those who helped children. Award received March 22, 2019. |

EDITORIAL BOARD

| | |
|--------------|---|
| 1993-present | Editorial Board, Jordan Pediatric Alert |
| 1996-present | The Journal of Invasive Cardiology |
| 1996-present | Catheterization and Cardiovascular Interventions: Section Editor, Congenital & Pediatric Cardiology |
| 1996-present | Journal of Interventional Cardiology |
| 2003-present | Pediatric Cardiology |
| 2003-present | Pediatric Cardiology Today |
| 2005-present | Journal of Interventional Cardiology, Section Editor for Congenital Heart Disease |
| 2006-present | Acute Cardiac Care |
| 2006-present | Congenital Heart Disease |
| 2006-present | Chinese Medical Journal |
| 2007-present | Cardiac Interventions Today |
| 2007-present | Journal of the Royal Medical Services |
| 2007-present | www.Seconds-Count.org |
| 2008-present | Annals of Pediatric Cardiology |
| 2009-present | Cardiology Journal (formerly Folia Cardiologica) |
| 2009-present | Korean Circulation Journal |
| 2010-present | Argentine Journal of Interventional Cardiology and Angiology |
| 2012-present | Journal of Saudi Heart Association |
| 2013-present | Deputy Editor, Cardiology Journal |
| 2013-present | Co-editor-in-Chief: Journal of Structural Heart Disease |
| 2015-present | Russian Journal of Endovascular Surgery |
| 2015-present | Global Cardiology Science and Practice |
| 2015-present | Brazilian Journal of Invasive Cardiology (Revista Brasileira de Cardiologia Invasiva – RBCI) |
| 2014-Present | Journal of Structural Heart Disease-Editor-in-Chief |

| | |
|--------------|--|
| 2017-Present | Editorial Consultant: JACC Cardiovascular Interventions |
| 2017-Present | Editorial Board: Heart Views |
| 2018-Present | Editor: Clinics in Pediatrics |
| 2019-Present | Advisory Editorial Board: Jordan Medical Journal. |
| 2019-Present | Editorial Board: Qatar Medical Journal |
| 2021-Present | Editorial Board: <i>JSCAI</i> (Journal Society for Cardiovascular Angiography and Interventions) |

JOURNAL REVIEWER

1. Journal of the American College of Cardiology
2. American Journal of Cardiology
3. American Heart Journal
4. Pediatric Research
5. Circulation
6. Circulation: Cardiovascular Interventions
7. Catheterization and Cardiovascular Interventions
8. Journal of Invasive Cardiology
9. Journal of Interventional Cardiology
10. International Journal of cardiology
11. Pediatric Cardiology
12. Korean Circulation Journal
13. J American College of Cardiology-Cardiovascular Interventions
14. Journal of Structural Heart Disease

COMMITTEES

| | |
|--------------|--|
| 1995-present | Member, Pediatric Interventional Cardiology Committee, The Society for Cardiac Angiography and Intervention |
| 1996-1999 | Member, ACC/AHA Committee to Develop Guidelines on Pediatric Cardiac Catheterization |
| 1997 | Member, Scientific Committee of the XIXth Congress of the European Society of Cardiology, Stockholm-Sweden |
| 1998 | Member, Scientific Committee of the XXth Congress of the European Society of Cardiology, Vienna-Austria |
| 1999-2007 | Physician's Fund Raising Working Group, University of Chicago |
| 2001-2004 | Member, The Council on Teaching at the University of Chicago, Undergraduate and Graduate Levels |
| 2001-present | Member of the Board of Directors of the American Heart Association Metropolitan Branch |
| 2001-2002 | Chairman, Congenital Heart Disease Committee of the Society for Cardiac Angiography and Intervention |
| 2002-2003 | AIMS Ad Hoc Committee, University of Chicago |
| 2002-2005 | Steering Committee Member of Amplatzer Muscular VSD Device Closure, US Trials |
| 2003-2005 | Steering Committee Member of Amplatzer Trial (RESPECT) |
| 2003-2006 | Board of Trustees of The Society for Cardiovascular Angiography and Intervention |
| 2003-present | Scientific Advisory Board of Savacor, Inc |
| 2003-present | Scientific Advisory Board of Cierra, Inc |
| 2003-present | Siemens Cardiac Catheterization Laboratory Advisory Board |
| 2003-2005 | Steering Committee Member of Amplatzer Membranous VSD Device Closure, US Trials |
| 2004-present | Education Committee of the American College of Cardiology |
| 2004-2007 | ACC/AHA Committee to Develop Guidelines for the Management of Adults with Congenital Heart Disease |

| | |
|----------------|---|
| 2004-2007 | Member, Clinical Research Policy Board, University of Chicago |
| 2004-2007 | Chairman, Physician's Fund Raising Working Group, University of Chicago |
| 7/1/04-6/30/06 | Ad Hoc Member of the Committee on Appointments and Promotions (COAP), University of Chicago |
| 2004-present | Trustee, Society for Cardiovascular Angiography and Intervention |
| 2006-2007 | Secretary of The Society for Cardiovascular Angiography and Intervention |
| 2007-2009 | ACC/AHA Committee to Develop Guidelines for the Management of Adults with Congenital Heart Disease |
| 2008-present | SCAI, Chairman of Structural Heart Disease Council |
| 2008-present | SCAI, Co-Chair of International Programs and Membership |
| 2008-2009 | SCAI, Chairman of Nominating Committee |
| 2008-2011 | American Heart Association Committee Member, "Guidelines for Pediatric Interventional Therapies" |
| 2008-2009 | President, Society for Cardiovascular Angiography and Intervention |
| 2009 | Medical Advisory Council of the Make-A-Wish Foundation |
| 2/2010-10/2016 | Board Member: Joint Advisory Board Weill Cornell Medical College-Qatar |
| 2010-2013 | Board Member: Interventional Services Executive Committee (ISEC), Rush University Medical Center |
| 2010-2015 | SCAI Credentials Committee, Voting Member |
| 2010-2011 | Chairman of Department of Cardio-Thoracic Surgery Search Committee |
| 2010-present | SCAI CHD Executive Committee: Bioabsorbable Stents |
| 2011-2013 | Course Director for the SCAI Interventional Cardiology Fellows Course |
| 2011-2015 | SCAI Committee Member of Multi-Society (AATS, ACCF, SCAI & STS) Writing Committee on the Position Paper: Operator & Institutional Requirements for Transcatheter Valve Repair and Replacement |
| 2011-2015 | Chairman, Data Safety Monitoring Board of Randomized trial between Occlutech and ASO for closure of ASD in Europe. |
| 2012-2014 | American College of Cardiology Writing Committee for a New ACC Health Policy Statement on Structured Reporting for Catheterization Laboratories |
| 2012-present | American Society of Echocardiography Writing Group to Publish a Guideline on Echocardiographic Assessment of Atrial Septal Defect and Patent Foramen Ovale. |
| 2014-present | Member, Sidra Policy and Procedure Committee |
| 2014-5/5/15 | Chair, CEMC (Clinical Executive Management Committee) at Sidra Medical & Research Center. |
| 5/2014-12/2015 | Chair, Medical Executive Committee, Sidra Medical & Research Center |
| 7/2014-8/2016 | Voting member, Sidra Medical & Research Center IRB committee |
| 5/2014-12/2015 | Acting Chief Medical Officer, Sidra Medical & Research Center. |
| 2017-present | Member of SCAI Writing Committee on SCAI PFO Closure for the Secondary Prevention of Cryptogenic Stroke: Indications, Institutional, and Operator Characteristics Expert Consensus Statement. |
| 2018-present | Member of SCAI Writing Committee on a position statement on <i>Training, Competency, and Organizational Recommendations for Adult Congenital Heart Disease Interventions</i> |
| 1/2019-present | Steering Committee member: Path Towards precision Medicine-QNRF |

ABSTRACT GRADER

| | |
|------|---|
| 1996 | The 69th Scientific Sessions of the AHA, New Orleans |
| 1997 | The XIXth Congress of the European Society of Cardiology, Sweden |
| 1997 | The 70th Scientific Session of the AHA, Orlando, Florida |
| 1998 | The 71st Scientific Sessions of the AHA, Dallas, Texas |
| 1998 | The XXth Scientific Session of the European Society of Cardiology, Vienna-Austria |

| | |
|------|--|
| 1999 | The XXIst Scientific Sessions of the European Society of Cardiology, Barcelona, Spain. |
| 1999 | The 72 nd Scientific Session of the AHA, Atlanta, GA |
| 2002 | Midwest Pediatric Cardiology Society, 26 th Annual Scientific Session, Chicago, IL |
| 2009 | American College of Cardiology.09, i2 Summit, Orlando, FL |
| 2009 | TCT 2009, San Francisco, CA |
| 2010 | American College of Cardiology.10, i2 Summit, Atlanta, GA |
| 2010 | TCT 2010, San Francisco, CA |
| 2011 | American College of Cardiology.11, i2 Summit, New Orleans, LA |
| 2011 | TCT 2011, San Francisco, CA |
| 2012 | American College of Cardiology.12, i2 Summit, Chicago, IL |
| 2014 | TCTAP 2014, 19 th Cardiovascular Summit (Transcatheter Cardiovascular Therapeutics Asia Pacific) JACC 63; supplement S, April 1, 2014 |
| 2015 | American College of Cardiology-San Diego, CA March 13-17, 2015 |
| 2015 | TCT 2015, San Francisco, CA |
| 2016 | American College of Cardiology-Chicago, IL April 2016 |
| 2019 | SCAI 2019 Scientific Sessions, Las Vegas, May 19-22, 2019 |

SCAI 2019 Scientific Sessions

PRESENTATIONS AND LECTURES

| | |
|------|---|
| 1990 | American College of Cardiology Annual Meeting New Orleans, Angioplasty for recoarctation of the aorta; initial results and follow-up |
| 1992 | American College of Cardiology annual meeting Dallas, Long-term follow-up of transcatheter closure of the PDA |
| 1992 | Tufts University, School of Dental Medicine, Introduction to Congenital Heart Disease |
| 1992 | New England Medical Center, Cardiology Quiz |
| 1992 | New England Medical Center, Evaluation of the Newborn with Heart Murmur |
| 1992 | Yale University School of Medicine, Stents and the Heart |
| 1992 | Northeast Pediatric Cardiology Society Meeting, Initial experience with a new balloon expandable stent to enlarge the branch pulmonary arteries in an animal model |
| 1993 | American Heart Association, Atlanta, GA, Physiologic significance of chronic coronary aneurysms in patients with Kawasaki disease |
| 1993 | American Heart Association, Atlanta, GA, How reliable is automated acoustic quantification in assessing left ventricular volumes and function in small hearts: Comparison with angiography in children with congenital heart disease |
| 1994 | Northeast Pediatric Cardiology Society, New London, CT, |

Catheterization Derived Therapeutics

- 1994 American Heart Association, Scientific Session, Dallas, TX
Antegrade transcatheter closure of patent ductus arteriosus (PDA) using single or multiple Gianturco coils.
- 1995 American College of Cardiology 44th Annual Scientific Session, New Orleans, LA, Stent Implantation for relief of branch pulmonary artery stenosis: Immediate and short-term results.
- 1995 First International Meeting On Interventional Cardiology, Jerusalem, Israel
Transcatheter closure of patent ductus arteriosus (PDA) using single or multiple Gianturco coils. Immediate and short-term results.
- 1995 XVIIth Congress of the European Society of Cardiology. Antegrade transcatheter closure of patent ductus arteriosus in small infants (<8 kg) using single or multiple Gianturco coils: Immediate short-term results.
- 1995 XV11th Congress of the European Society of Cardiology. Current state of device closure of ASD.
- 1995 Cardiology & Echocardiography for the Sonographer, Interventional Echocardiology
- 1995 V11th Course of Angioplasty and Therapeutics by Catheterization. Buenos Aires, Argentina, 5th - 7th October 1995.
Round-Table Debate: "Impact of Coronary Stents in Angioplasty" - Panelist
Live Case Nr. 5: "Directional Atherectomy plus Wiktor Stent" - Panelist
Live Case Nr. 7: "Stent through Transradial Approach" - Panelist
Workshop: "Is there a Stent for each type of lesion?"
Live Case Nr. 12: "Angiostent" - Operator
- 1995 American Heart Association 68th Scientific Sessions -
Symposium on management of the child with patent ductus arteriosus
- 1995 Guest speaker at the 47th Annual Cardiac Society of India Meeting
- Workshop on PDA Closure
- Workshop on ASD Closure
- Lecture on Transcatheter Closure of PDA Using Coils
- 1995 Chairman, Symposium on Management of Neonates with TGA
- 1995 Guest speaker at 2nd Thoraxcenter Course on Coronary Stenting, Rotterdam, Netherlands
- 1996 The Coronary Angiostent, St. James Hospital, Dublin, Ireland
- 1996 Guest Faculty at the 8th Transcatheter Cardiovascular Therapeutics (TCT) Washington, DC
- Lecturer: New Intracoronary Stent Designs: The Angiostent.
- 1996 Guest Faculty at the 10th Course of Madrid Interventional Cardiology (MIC) with Live case demonstration
- 1996 19th Annual Meeting of the Society for Cardiac Angiography and Interventions.
- Balloon atrial septostomy using a new low profile

| | |
|------|---|
| | balloon catheter: Initial clinical results |
| | - Transcatheter closure of atrial septal defect and patent foramen ovale closure |
| 1996 | Guest faculty at the 19th annual meeting of the Society for Cardiac Angiography and Interventions. |
| 1996 | Guest Faculty at the Seventh Complex Coronary and Angioplasty Course, Toulouse, France |
| 1996 | Guest Faculty at the Stent Summit: 10 Years of Stenting, London, England |
| 1996 | 7th Meeting of the American Society of Echocardiography Intravascular ultrasound studies to determine size and shape of patent ductus arteriosus and to assess extent of coil protrusion: Comparison with angiography. |
| 1996 | Interventional Pediatric Cardiology: What does the primary care pediatrician need to know? The 4th Interventional Congress of Tropical Pediatrics. Kuala Lumpur, Malaysia |
| 1996 | Meet The Expert: The 4th Interventional Congress of Tropical Pediatrics. Kuala Lumpur, Malaysia |
| 1996 | Symposium on Coronary Angioplasty and the AngioStent. Beijing, China |
| 1996 | The Coronary AngioStent Symposium. Hong Kong |
| 1996 | Transcatheter Closure of PDA. The Coronary AngioStent: Clinical experience. Jordan Cardiac Society in collaboration with Jordan Medical Center, Amman-Jordan |
| 1996 | Long-term outcome of non-surgical interventions in congenital heart disease. Atrial Septal Defect. 18th Congress of the European Society of Cardiology, Birmingham, UK |
| 1996 | Quantitative angiographic results after coronary angioplasty using the AngioStent. 18th Congress of the European Society of Cardiology, Birmingham, UK |
| 1996 | Transcatheter closure of atrial septal defect. Catholic University of Chile, Santiago-Chile |
| 1996 | Angiographic outcome after implantation of the coronary AngioStent. Santiago-Chile |
| 1996 | Neonatal cardiac emergencies: Cyanosis. New England Medical Center |
| 1996 | Transcatheter closure of large patent ductus arteriosus (>4 mm) using multiple Gianturco coils: Immediate and mid-term results. The 69th Scientific Sessions of the American Heart Association. New Orleans |
| 1996 | Management of peripheral pulmonic stenosis: Balloon angioplasty. The 69th Scientific Sessions of the American Heart Association. New Orleans |

1996 Satellite Symposium: Update on the AngioStent. Moderator of the symposium. The 69th Scientific Sessions of the American Heart Association. New Orleans

1996 Coronary Stents: The AngioStent. Asian Pacific Society of Interventional Cardiology meeting, Madras-India

1996 Guest Faculty at the Asian Pacific Society of Interventional Cardiology (APIC) meeting. Abstract session moderator and Live cases panelist, Madras-India

1997 Visiting Professor, Bay State Medical Center. Update on Interventional Pediatric Cardiology

1997 Guest Speaker, 8th Japanese Pediatric Interventional Cardiology (JPIC), Sapporo, Japan

1997 Workshop on Coronary AngioStent: V Meeting of Advanced Interventional Cardiology. Cortina d'Ampezzo

1997 Visiting Professor, Bambino Gesù Hospital, Vatican City, Italy

1997 Visiting Professor at the Children's University Hospital, Bratislava-Slovak Republic

1997 Guest Faculty, Operator Live Case and Panelist at the XI Madrid Interventional Cardiology Meeting. Madrid, Spain

1997 Guest Faculty, Operator Live Cases at the Simposio Internacional Cardiologia 97, 20th Aniversario IMC. Cordoba, Argentina

1997 Percutaneous Intervention for Congenital Heart Disease. Simposio Internacional Cardiologia 97, 20th Aniversario IMC. Cordoba-Argentina

1997 Guest Faculty, 2nd International Meeting on Interventional Cardiology. Jerusalem-Israel

1997 Transcatheter closure of atrial septal defects using the Angel Wings. 2nd International Meeting on Interventional Cardiology. Jerusalem-Israel

1997 Catheter management of peripheral pulmonary artery stenosis. 2nd International Meeting on Interventional Cardiology. Jerusalem-Israel

1997 The Coronary AngioStent. Queen Alia Heart Institute. Amman-Jordan

1997 Guest Faculty, 2nd Congreso de la Sociedad Latinoamericana de Cardiologia Intervencionista (SOLACI). Buenos Aires-Argentina.

1997 Guest Faculty, IV Jornadas Franco Argentinas de Medicina y Cirugia, Buenos Aires-Argentina
 Operator: Live Case Coronary Stent
 Operator: Live Case ASD Closure
 Speaker: ASD Closure using the new Amplatzer Septal Occluder
 Speaker: Coronary Stents: Long lesions using the AngioStent

1997 SOLACI:
 Speaker at Workshop 7/31/97 - Stents: State of the Art
 Speaker at Workshop 8/01/97 - Saphenous vein grafts and bifurcation lesions
 Operator: Live Case 7/31/97

- Speaker: Transcatheter closure of secundum atrial septal defects using the new Amplatzer Septal Occluder
 Speaker: Transcatheter closure of patent ductus arteriosus using multiple coils or the new Amplatzer Duct Occluder
- 1997 PICS Symposium Director: First meeting of its kind in Pediatric Interventional Cardiac Symposium, about 200 attendees from 27 countries. Marriott Long Wharf, Boston, MA September 8-10, 1997
 Operator of 9 Live Cases
- 1997 Speaker: Transcatheter closure of atrial septal defect using the Amplatzer septal occluder
- 1997 Moderator For The American Academy of Pediatrics Update: Cardiac Interventions. Panelists: Dr. Charles Mullins and Dr. William Hellenbrand, Boston, MA September 10, 1997
- 1997 Guest Faculty and Speaker at Cardiac Catheterization Symposium 1997 and Society of Invasive Cardiovascular Professionals (S.I.C.P.) Annual Meeting. Pediatric Cardiac Interventions. Cherry Hill, NJ, September 11-14, 1997
- 1997 Guest Faculty, IX Transcatheter Cardiovascular Therapeutics (TCT) Washington, DC. "New" stent cine case review: matching the stent to the lesion. September 24-26, 1997
- 1997 Speaker: Two lectures at the "Circulatory System Devices Panel Meeting" of the FDA to discuss devices for congenital heart disease, Gaithersburg, MD. October 24, 1997
- 1997 Guest Faculty, First Venezuelan Interventional Cardiology Meeting, Maracaibo, Venezuela. October 31 - November 1, 1997
 1) Interventional treatment of congenital heart disease
 2) Coronary stenting: When, What and Which
 3) Transcatheter closure using umbrellas
- 1997 Transcatheter closure of secundum atrial septal defects using the new nitinol self-expandable, repositionable Amplatzer Septal Occluder: Initial clinical experience. 70th Scientific Sessions of the American Heart Association. Orlando, FL. November 1997
- 1997 Guest Faculty, First Qatari Pediatric International Conference, Doha-Qatar. December 15-17, 1997
 1) Neonatal cardiac emergencies
 2) Interventional Pediatric Cardiology - Update
- 1997 Guest Operator, Queen Alia Heart Institute, Amman-Jordan. December 12-14, 1997 and December 17-19, 1997
- 1998 Speaker, "Circulatory System Devices Panel Meeting" of the FDA to discuss devices for congenital heart disease, Gaithersburg, MD, January 27, 1998
- 1998 Speaker, Floating Alumni Association "Interventional Pediatric Cardiology", Boston, MA, February 4, 1998
- 1998 Speaker, the Ecuadorian Society of Cardiology, February 12, 1998 Guayaquil-Ecuador:
 1) The Coronary AngioStent

2) Pediatric Cardiac Interventions: Update

- 1998 Speaker, Hospital Luis Vernaza Symposium, February 13, 1998, Guayaquil-Ecuador: Coronary Stenting
- 1998 US and International Multicenter Trial of Atrial Septal Catheter Closure Using the Amplatzer Septal Occluder: Initial Results. The 47th Annual Scientific Session of the American College of Cardiology. Atlanta, GA March 30, 1998
- 1998 Guest Speaker, the Sixth Annual Scientific Congress of the Hong Kong College of Cardiology, April 17-19, 1998: Advances in Interventional Pediatric Cardiology
- 1998 Guest Moderator, the Sixth Annual Scientific Congress of the Hong Kong College of Cardiology, April 17-19, 1998: Pediatric Cardiology
- 1998 Guest Speaker, "Transcatheter Closure of Atrial Septal Defect" at Fourth International Conference of the Jordan Cardiac Society. Jordan, May 5-8, 1998
- 1998 Guest Speaker, "Transcatheter Closure of Patent Ductus Arteriosus" at Fourth International Conference of the Jordan Cardiac Society. Jordan, May 5-8, 1998
- 1998 Guest Speaker, "Update On Interventional Pediatric Cardiology" at The XXXIIIrd Middle East Medical Assembly. Beirut-Lebanon, May 9-10, 1998
- 1998 Guest Speaker, "Approach To Neonates With Critical Congenital Heart Disease" at The XXXIIIrd Middle East Medical Assembly. Beirut-Lebanon, May 9-10, 1998
- 1998 Guest Speaker, "Transcatheter Closure of large Atrial Septal Defect using 30 mm Amplatzer device" at 2nd International AGA Investigator Meeting. Dublin-Ireland, June 9, 1998
- 1998 Guest Speaker, "Trancatheter closure of large coronary AV fistulas using The Amplatzer Duct Occluder" at 2nd International AGA Investigator Meeting. Dublin-Ireland, June 9, 1998
- 1998 Guest Speaker, "Transcatheter closure of patent ductus arteriosus with the Amplatzer" at Second SOLACI, Montevideo, Uruguay, July 30, 1998
- 1998 Guest Speaker, "Transcatheter closure of secundum atrial septal defects with the Amplatzer" at Second SOLACI, Montevideo, Uruguay, July 30, 1998
- 1998 Guest Speaker, "Balloon angioplasty after the arterial switch operation for supraavalvar and peripheral pulmonary arterial stenosis" at Second SOLACI, Montevideo, Uruguay, July 30, 1998
- 1998 Guest Speaker, "Transcatheter closure of muscular ventricular septal defects with the Amplatzer" at Second SOLACI, Montevideo, Uruguay, July 30, 1998
- 1998 Operator, live cases
1) Coronary stent implantation using AngioStent C1. Second SOLACI, Montevideo, Uruguay, July 31, 1998
2) Transcatheter closure of a large ASD with the Amplatzer. Second SOLACI, Montevideo, Uruguay, July 31, 1998
- 1998 Guest Speaker, "XX Congresso de Sociedade Brasileira de Hemodinamica e Cardiologia Intervencionista. August 12-15, 1998, Salvador, Bahia-Brasil
1) Management of peripheral pulmonic stenosis in children. The use of stents in

- pulmonary arteries.
- 2) Transcatheter closure of ventricular septal defects using the Amplatzer VSD device.
 - 3) Transcatheter closure of atrial septal defects using the Amplatzer Septal Occluder.
 - 4) Transcatheter management of the persistent arterial ductus. Coils vs Amplatzer.
- 1998 Approach to the neonate with critical congenital heart disease. July 27, 1998, Boston, MA
- 1998 PICS Symposium Director: Second Pediatric Interventional Cardiac Symposium, Westin Copley Hotel, Boston, MA. August 31 - September 2, 1998
Operator: Live cases
Moderator: Morning Sessions
Lecture: Transcatheter closure of PDA using the Amplatzer Duct Occluder
- 1998 Transcatheter closure of atrial communications. The Northeast Pediatric Cardiology Society. The New York Academy of Medicine, New York, NY. September 18, 1998
- 1998 Workshop on Pediatric Cardiac Interventions, Chennai, India. September 29-30, 1998
1) Transcatheter closure of atrial communications using the Amplatzer septal occluder.
2) Coil closure of the persistent patent ductus arteriosus.
- 1998 Workshop on Pediatric Interventional Cardiology, Mumbai, India. October 2-3, 1998
1) Catheter closure of atrial communications.
2) Future of Pediatric Cardiac Interventions.
3) Coil closure of patent ductus arteriosus.
4) Catheter closure of patent ductus arteriosus using the Amplatzer septal occluder.
- 1998 Transcatheter closure of atrial communications using the Amplatzer septal occluder. Kurume Heart Club. Kurume, Japan, October 26, 1998
- 1998 Transcatheter closure of atrial communications using the Amplatzer septal occluder. National Children's Hospital, Tokyo, Japan, October 29, 1998.
- 1998 Interventional Pediatric Cardiology Update: Spaulding Rehabilitation Hospital. Boston, MA, November 4, 1998
- 1998 Current status of transcatheter device closure of atrial septal defect. Hellenic Society of Pediatric Cardiology, 20th Anniversary Symposium. November 27, 1998, Athens, Greece
- 1999 Visiting Professor, University of Texas, SouthWest. Dallas-Texas. Transcatheter closure of PDA using the Amplatzer duct occluder: Clinical results. January 29, 1999.
- 1999 Guest Speaker, "6th UAE Pediatric Conference. February 6-8th 1999, Dubai, United Arab Emirates.
1) Approach to neonates with critical congenital heart disease.

- 2) Update on interventional pediatric cardiology for the pediatrician.
 - 3) Chairman: Session V: Cardiology & Nephrology.
- 1999 Visiting Professor, Queen Alia Heart Institute, Amman-Jordan, February 9-12th, 1999. Workshops: ASD/PDA & VSD closure Amplatz devices.
- 1999 Transcatheter closure of patent ductus arteriosus using the Amplatzer Duct Occluder. AGA Investigator Meeting, New Orleans, LA March 8, 1999
- 1999 International/US Multicenter trial of transcatheter closure of patent ductus arteriosus (PDA) using the Amplatzer duct occluder: acute and id-term results. American College of Cardiology 48th Annual Scientific Session. New Orleans, LA March 8, 1999
- 1999 Amplatzer septal occluder for catheter closure of large (>20 mm) secundum atrial septal defects (ASD): Results of international/US multicenter clinical trial. American College of Cardiology 48th Annual Scientific Session. New Orleans, LA March 9, 1999.
- 1999 Advances in Pediatric Interventional Cardiology. VII Congress of Latin American Society of Pediatric Cardiology. Rome, Italy, May 25, 1999.
- 1999 Transcatheter closure of left-to-right shunting lesions using Amplatzer devices. Hacettepe University, Ankara-Turkey, June 21, 1999.
- 1999 Guest speaker at “Second International Workshop on Catheter Interventions in Adult Congenital Heart Disease:, Frankfurt-Germany, June 24-25, 1999.
1. Lecture: Catheter Closure of left-to-right shunt lesions using the Amplatzer devices.
 2. Chairman: Session on Closure Devices
- 1999 Guest Faculty, 3rd Congreso de la Sociedad Latinoamericana de Cardiologia Intervencionista SOLACI). Santiago-Chile August 4-6, 1999.
1. Speaker 8/5/99: Transcatheter closure of VSD
 2. Speaker 8/5/99: PDA closure with devices
 3. Operator 8/5/99, live case: ASD closure using the Amplatzer
 4. Speaker 8/6/99: Transcatheter dilatation of post –surgical pulmonary stenosis.
 5. Speaker 8/6/99: ASD closure with Amplatzer.
- 1999 Guest Speaker: XVII Interamerican Congeres of Cardiology and XXVI Congreso Argentino de Cardiologia, Buenos Aires, Argentina, August 22-25, 1999
1. Cardiomyopathies in pediatric patients. Role of catheter treatment in associated pathologies: biopsy, dilatations, defects.
 2. Current state of interventional cardiology in congenital heart disease.
 3. Fontan operation: Indications and results of interventional treatment.
 4. Left ventricular outflow tract obstruction: Percutaneous catheter aortic valvuloplasty. Indications and results.
 5. Results of catheter closure of ASD and patent ductus arteriosus.
 6. Kawasaki disease: Diagnosis and management.

7. Congenital heart disease in the adult. Interventional catheterization in adult congenital heart disease.
- 1999 Director, Third Annual Pediatric Interventional Cardiac Symposium, Chicago Marriott Downtown Hotel, Chicago, IL. September 7-10, 1999
- Operator: Live Cases
Moderator: Morning Sessions
Speaker: Transcatheter Closure of ASD Using the Amplatzer Septal Occluder
- 1999 Midwest Pediatric Cardiology Society, 23rd Annual Meeting, Sept 24, 1999, Ann Arbor, MI
1. Transcatheter closure of single muscular ventricular septal defects using the Amplatzer muscular VSD occluder: initial results and technical considerations.
 2. Transcatheter closure of secundum atrial septal defects in children and adults using the Amplatzer device: initial and 6-month transesophageal echocardiographic results.
- 1999 Guest Speaker, 20th Panhellenic Society of Cardiology, Oct 14, 1999, Crete Greece. Transcatheter closure of large ASD and PDA using the Amplatzer devices.
- 1999 Guest Speaker, New Frontiers in Echocardiography, Oct 22, 1999, Westin Hotel, Chicago, IL. Intervention in adults with congenital heart disease.
- 1999 Transcatheter closure of secundum atrial septal defects using the Amplatzer septal occluder: results of Phase II US multicenter clinical trial. 72nd Scientific Sessions of the American Heart Association, Georgia World Congress Center, Atlanta, GA November 10, 1999.
- 1999 Visiting Professor, Royal Hospital, Ministry of Health, Sultanate of Oman
1. Transcatheter Closure of ASD
 2. Current State of Interventional Pediatric Cardiology
- 2000 Guest Operator, UCLA Medical Center, Los Angeles, CA, 1/20/00
- 2000 Transcatheter Closure of Atrial Septal Defects Using Amplatzer Device Nizam's Institute of Medical Sciences, 1/25/2000. Hyderabad, India.
- 2000 Transcatheter Closure of Patent ductus Arteriosus Using Amplatzer Device Nizam's Institute of Medical Sciences, 1/25/2000. Hyderabad, India.
- 2000 Transcatheter Closure of Ventricular Septal Defects Using Amplatzer Device Nizam's Institute of Medical Sciences, 1/25/2000. Hyderabad, India.
- 2000 Guest Faculty, Transcatheter Cardiovascular Interventions (TCI). New Delhi-India, January 27-29, 2000.
1. Speaker 1/29/2000: Evaluation of ASD for catheter closure.
 2. Operator: 1/29/2000, Live case: PDA closure using the Amplatzer device.
- 2000 Transcatheter Closure of Atrial Septal Defects in Children and Adults Using the Amplatzer Device: Initial and 6-months Transesophageal Echocardiographic Results.

- American College of Cardiology 49th Annual Scientific Session. Anaheim, CA March 12, 2000
- 2000 Guest Speaker at American College of Cardiology 49th Annual Scientific Session, “ASD Closure by ASO”. Anaheim, CA, March 14, 2000
- 2000 Transcatheter Closure of Atrial Communications (ASD/PFO) in Adult Transcatheter Closure of Atrial Communications (ASD/PFO) in Adult Patients >18 yr of Age Using the Amplatzer Septal Occluder: Immediate and Mid-term Results. American College of Cardiology 49th Annual Scientific Session. Anaheim, CA March 15, 2000
- 2000 Guest Speaker at New York – Presbyterian Hospital, Columbia Campus, “Non PDA uses of Amplatzer PDA Device”. New York, NY, April 11, 2000.
- 2000 Guest Speaker at The University of Chicago Hospitals Cardiac Seminar, “Congenital Heart Disease in Adults and Children”. Chicago, IL April 13, 2000.
- 2000 Guest Speaker at Chicago Cultural Center, “Introduction to Congenital Heart Disease”, Chicago, IL, April 18, 2000
- 2000 Transcatheter Closure of Atrial Septal Defect in Children and Adults Using the Amplatzer Septal Occluder: International Clinical Trial with Complete One Month Follow Up. Society for Cardiac Angiography and Interventions 23rd Annual Scientific Sessions. Charleston, SC, May 4, 2000.
- 2000 Transcatheter Closure of Patent Ductus Arteriosus in Children and Adults Using the Amplatzer Septal Occluder. US Clinical Results. Presented at the AGA Investigational Meeting at Society for Cardiac Angiography and Interventions 23rd Annual Scientific Sessions. Charleston, SC, May 4, 2000.
- 2000 Catheter Intervention in children and adults with congenital heart disease, Tehran-Iran, April 4/30/2000
- 2000 Guest Speaker: 3rd International Workshop Catheter Interventions in Adult Congenital Heart Disease, Frankfurt-Germany May 19-20, 2000
1. Transcatheter Closure of Atrial Septal Defects Using Amplatzer Device.
 2. Transcatheter Closure of small-large patent ductus arteriosus using the Amplatzer duct occluder.
 3. Transcatheter closure of muscular ventricular septal defects using the Amplatzer MVSD occluder.
- 2000 Faculty Member and Speaker at Percutaneous Balloon Valvuloplasty : A Practical Course for Invasive Cardiologists sponsored by University of Chicago in conjunction with the Society for Cardiac Angiography and Interventions. “Congenital Lesions in Adults”, Chicago, IL, June 3, 2000.
- 2000 Moderator: AGA 3rd International Amplatzer Symposium, Strasbourg-France, June 13, 2000.
- Guest Speaker: AGA 3rd International Amplatzer Symposium, Strasbourg-France, June 13, 2000
1. Catheter closure of ASD using the Amplatzer Septal Occluder: results of international clinical trial.

3. Catheter closure of large ASD (>30mm unstretched) using the Amplatzer septal occluder: description of technique and deployment.
- 2000 Guest Speaker at 22nd National Arab American Medical Association Convention. “Non Surgical Management of Congenital Heart Disease in Children and Adults”, Chicago, IL, September 2, 2000.
- 2000 Guest Speaker, Kyoto University, Kyoto, Japan, September 10, 2000
1. Transcatheter Closure of ASD Under Intracardiac Echo Guidance
 2. Catheter Closure of Extracardiac Communications.
- 2000 Current Results of Device Closure of Atrial Septal Defect, Patent Ductus Arteriosus and Ventricular Septal Defect Using Amplatzer Device. 48th Annual Scientific Session of Japanese College of Cardiology, Osaka, Japan, September 11, 2000.
- 2000 Director, Fourth Annual Pediatric Interventional Cardiac Symposium, Chicago Marriott Downtown Hotel, Chicago, IL. September 24-27, 2000
- Operator: Live Cases
Moderator: Morning Sessions
- 2000 Cardiovascular Therapeutics (TCT 2000), October 17-22, 2000, Washington DC.
1. Catheter Closure of Atrial Septal Defects in the Adult patient- Indications, Devices, technique and procedural results.
 2. Moderator Concurrent Session #21: Valvuloplasty and the Interventional Approach to Congenital Heart Disease.
- 2000 Guest Speaker, Fundacion Favaloro, Congreso Internacional 2000: Symposium: Catheterization therapy: New devices and stent designs. November 3-5, 2000, Buenos Aires, Argentina
1. Catheter Closure of Interauricular Communications in Children and Adults.
- 2000 Guest Speaker, Northwestern University Fireside Lecture to Alpha Phi Sorority, “Pediatric Cardiology in Adults”, November 9, 2000.
- 2000 Guest Speaker, Bobs Roberts Service Committee, “Congenital Heart Disease in Children and Adults”, November 13, 2000
- 2000 Guest Speaker, Westlake Hospital CME Program, “Interventional Pediatric Cardiology”, November 16, 2000
- 2000 Guest Speaker, Illinois Chapter
Annual Meeting of American College of Cardiology, “Current Status of Closure Devices”, December 1, 2000, Chicago, IL
- 2000 Guest Speaker and Operator -Live Cases, 37th Congreso Chileno de Cardiologia y Cirugia Cardiovascular, December 4-7, 2000, Santiago, Chile
1. Stents en cardiopatias congenitas. Tecnicas y trucos.
 2. Cierre con cateter de la CIA y OS en ninos.
 3. Rol intervencional del cateter en adultos con cardiopatias congenitas
- 2001 Guest Speaker, Saddam Center for Cardiac Surgery, “Catheter Closure of Atrial Septal Defect and Patent Foramen Ovale Using the Amplatzer Devices”, January 15, 2001, Baghdad, Iraq

- 2001 Guest Speaker, 6th Interventional Cardiology Workshop, “Role of Amplatzer Devices in Pediatric Patients”, February 15, 2001, Rawalpindi, Pakistan
- 2001 Guest Speaker, 7th Curso De Actualizacion en Cardiologia Pediatrica, “Applications of the Amplatzer Device in Pediatric Cardiology”, March 2, 2001, Madrid, Spain
- 2001 Guest Speaker, Mini –Medical School Course, University of Chicago, “Non-Surgical Management of Congenital Heart Disease in the Adult Patient”, March 13, 2001, Chicago, IL
- 2001 Guest Speaker, Executive Health Thank You Luncheon, “Non-Surgical Management of Congenital Heart Disease in the Adult Patient”, Palmer House, March 14, 2001, Chicago, IL
- 2001 Guest Speaker, Child Life Center, “Non-Surgical Management of Congenital Heart Disease in Children and Adults”, March 14, 2001, Merrillville, IN
- 2001 Transcatheter Closure of Atrial Septal Defect (Poster Session). Transcatheter Patent Ductus Arteriosus Closure Methods (Seminar). American College of Cardiology 50th Annual Scientific Session. March 18 -21, 2001, Orlando, FL
- 2001 Guest Faculty, 3rd International Workshop on Interventional Pediatric Cardiology Milan-Italy, March 29-31, 2001.
 Speaker 3/31/2001: Transcatheter closure of congenital muscular VSD
 Operator 3/31/2001, live case: VSD closure using the Amplatzer
- 2001 Guest Faculty, New Frontiers in Cardiovascular Medicine, Houston, TX, April 18-21, 2001.
 1. Panelist live case of PFO closure, Friday April 20th.
 2. Lecture: Should we close PFO’s in patients with cryptogenic stroke? The answer is clear! Percutaneous PFO closure is a must for patients who are status post cryptogenic stroke. April 21st, 2001.
- 2001 Guest Faculty, 4th International Workshop Catheter Interventions in Congenital Heart Disease. Frankfurt, Germany, October 18-20, 2001.
 1. Lecture: Adults with congenital heart disease: Ongoing problems and solutions, October 9, 2001.
 2. Lecture: Experience with the Acunav system, October 20, 2001.
 3. Moderator/Panelist Morning Session, October 20, 2001
 4. Operator live case, large ASD closure using the Amplatzer Septal Occluder, October 20, 2001.
- 2001 Guest faculty, XVIII Congreso Peruano De Cardiologia. Lima-Peru, April 26-30, 2001.
 1. Transcatheter closure of ASD in children and adults, Friday April 27th, 2001.
 2. Use of stents outside the coronary circulation. Saturday, April 28th, 2001.
- 2001 Director, Fifth Annual Pediatric Interventional Cardiac Symposium, Toronto The Metro Toronto Convention Centre, Toronto, Canada, May 22-25, 2001
 Operator: Live Cases
 Moderator: Morning Sessions

- 2001 Guest Faculty, 3rd World congress of Pediatric Cardiology and Cardiovascular Surgery, Toronto, Canada May 28-31. 2001
Moderator: Poster Sessions
- 2001 Guest Faculty, 4th International Meeting on Interventional Cardiology: Frontiers in Interventional Cardiology, London, UK, June 24-27, 2001
Panelist: STROKE INTERVENTION: PFO Closure with Intracardiac Guidance
Lecture: Catheter Closure of ASD: State of the Art
Chairperson: GENERAL ASPECTS OF PCI
- 2001 Guest Faculty, SOLACI (Society of Latin American Cardiology Interventionists) 7th Annual Congress, Mexico City, Mexico, July 3-6, 2001
Lecture: Transcatheter Closure of PFO
Lecture: Transcatheter Closure of VSD
- 2001 Faculty, New Frontiers in Echocardiography, University of Chicago, Chicago, IL, August 6-8, 2001, Lecture: The Use of Echocardiography in the Interventional Pediatric Cardiac Catheterization Laboratory: Intracardiac and Transesophageal Echocardiograms.
- 2001 Speaker, "Circulatory System Devices Panel Meeting" of the FDA to present the results of FDA trial of ASD closure, Gaithersburg, MD, September 10, 2001.
- 2001 Techniques for Catheter Closure of the Patent Ductus Arteriosus. XXIII Congress of the European Society of Cardiology, Stockholm, Sweden, Sept 1-5, 2001.
- 2001 Guest Faculty of The 6th Interventional Symposium on Interventional Cardiology and Live demonstration course. Beijing, China, September 28, 2001
Lecture: Transcatheter closure of Secundum ASD: Comparison between Amplatzer device closure and open heart surgery
Operator: Live cases: Aortic Valvuloplasty; PDA closure
- 2001 Guest Faculty of The XVII Congresso Brasileiro Cardiologia Pediatrica, Rio de Janeiro, Brazil, November 13-16, 2001.
Lectures:
1. Management of peripheral pulmonary artery stenosis.
2. Transcatheter closure of ventricular septal defects.
3. Transcatheter closure of Secundum ASD: Comparison between Amplatzer device closure and open heart surgery
Operator: Live cases:
1. Stent Implantation for Coarctation of the Aorta.
2. Closure of a large secundum ASD using a 40 mm Amplatzer device
- 2001 Guest Faculty of The XXII Congreso Nacional De Cardiologia of the Sociedad Mexicana De Cardiologia, Cancun, Mexico, November 17-22, 2001.
Lecture: Atrial Septal Defect
- 2001 Guest Faculty of The XIX Colombian Cardiovascular Society. Cartagena, Columbia, November 25-28, 2001.
Lectures: ASD Device Closure
VSD and Persistent Ductus: When and How to Intervene?

- 2002 Invited Lecture “Closure of Atrial Septal Defect by Amplatzer Septal Occluder, Columbia University, Babies Hospital, New York, NY, January 8, 2002
- 2002 Invited Lecture “Interventions for Adult Congenital Heart Disease”, Iowa Heart Centers, Des Moines, IA, January 18, 2002
- 2002 Guest Speaker 13th Annual Meeting of the Japan Pediatric Interventional Cardiology, Tokushima, Japan, January 24-26, 2002
1. Comparison of Transcatheter Amplatzer Device and Surgical Closure of Atrial Septal Defect: A Multi-Center Non-Randomized Controlled Trial
 2. Device Closure of Patent Foramen Ovale: Stroke Prevention Or Is It Overkill?
- 2002 Guest Speaker Cardio Alex 2002 The 29th Annual International Conference of the Egyptian Society of Cardiology, Alexandria, Egypt, February 4-8, 2002
1. Transcatheter Closure of Secundum Atrial Septal Defects Using the Amplatzer Device: Comparison with Open Heart Surgery.
 2. Transcatheter Closure of Congenital and Post Myocardial Infarction Ventricular Septal Defects Using the Amplatzer Device.
- 2002 Guest Faculty at the 51st Annual Scientific Session of the American College of Cardiology, Atlanta, GA, March 17-20, 2002
1. Speaker at Competing Treatment Strategies for the Secundum Atrial Septal Defect, March 18, 2002
 3. Participant: Management of the Newborn with Critical Aortic Stenosis, March 19, 2002
- 2002 Guest faculty: Chilean Society of Cardiology 2002 Echocardiography Course, Santiago-Chile, April 26-27th, 2002.
Lecture: Intracardiac Echocardiographic guidance of transcatheter closure of ASD's and PFO's.
- 2002 Guest faculty: Interventional Cardiology Congress, Sydney, Australia, May 3-4th, 2002.
Lecture: Transcatheter closure of VSD using the Amplatzer devices. May 3rd, 2002.
Operator: Live cases May 4th, 2002
- 2002 Guest Faculty: 25th Annual Scientific Sessions of the Society for Cardiac Angiography and Interventions, May 15-18, 2002, Seattle, WA.
1. Lecture: Healing response to the Amplatzer devices, May 16, 2002.
 2. Sizing, device selection and closure technique of PFO, May 16, 2002.
 3. The Ideal PFO device, May 18th, 2002
 4. Chairman: Percutaneous Closure of Patent Foramen Ovale with the Amplatzer PFO Occluder, industry symposium sponsored by AGA Medical Corporation, May 16th, 2002.
- 2002 Guest Faculty: 5th International Workshop Catheter Interventions in Congenital Heart Disease with Live Case Demonstrations, June 6-8, 2002, Frankfurt, Germany
1. Lecture: Intracardiac echo as a tool for ASD-, PFO and VSD closure, 6/7/02
 2. Lecture: Catheter closure of large PDA with the Amplatzer Occluder, 6/7/02
- Operator: Live cases: Two PFO's under Intra-cardiac echocardiographic guidance, June 7, 2002

Operator: Live cases: Two Perimembranous ventricular septal defects, June 8, 2002

- 2002 Chairperson of Symposium Interventional Echocardiography at the American Society of Echocardiography (Luncheon Symposium), June 11, 2002, Orlando, FL
Speaker: Interventional Cardiac Procedures Using the AcuNav Catheter in Pediatrics
- 2002 Faculty: Specialty Review in Pediatric Cardiology, UIC University of Illinois at Chicago, July 9-12, 2002, Chicago IL
Speaker: 1. Hemodynamics –Ventricular function and Volumes (Laboratory Session, Group 1)
2. Hemodynamics –Ventricular function and Volumes (Laboratory Session, Group 2)
3. Interventional Cardiac Catheterization
- 2002 Guest Faculty: Summer in Seattle: A Course in Interventional Cardiac and Vascular Therapies. Swedish Medical Center, Seattle, WA 7/17-20/02
1. Live Case Demonstration: ASD Closure
- 2002 Workshop: ASD/PDA/VSD Closure and Pulmonary Artery Stenting. Islamic Hospital, Amman-Jordan, August 11-15, 2002
- 2002 Midwest Pediatric Cardiology Society, 26th Annual Scientific Session, September 12-13, 2002, Chicago, IL
Chairman of a Session: Interventional Cardiology

Presentation:
Catheter Closure of Perimembranous Ventricular Septal Defects Using the New Amplatzer Membranous VSD Occluder: Initial Clinical Experience.
- 2002 Course Director, Sixth Annual Pediatric Interventional Cardiac Symposium, Chicago Marriott Downtown Hotel, Chicago, IL. September 22-25, 2002
Operator: Live Cases
Moderator: Morning Sessions
- 2002 AGA Medical Symposium “Catheter Closure of Multi-fenestrated Atrial Septal Defects” during PICS VI, Chicago, IL September 23, 2002
- 2002 Medical Symposium “Catheter Closure of Patent Foramen Ovale Associated with Stroke/Transient Ischemic Attack. Evaluation and Preselection and Outcome” during TCT XIV, Washington, DC, September 26, 2002
- 2002 Guest Faculty TCT XIV, Washington DC, September 24-28, 2002
1. Lecture: Pre-selection and evaluation for catheter closure of atrial communications. September 26, 2002
2. Lecture: Pre-selection, technique and outcome of catheter closure of atrial communications. September 28, 2002
3. Discussant: Workshop on catheter closure of patient foramen ovale. September 28, 2002
- 2002 Children’s Heart Services Forum. “Transcatheter Management of Congenital Heart Disease”, October 12, 2002, Chicago, IL

- 2002 Our Lady's Hospital for Sick Children. "Catheter Closure of Ventricular Septal Defects", October 16, 2002, Dublin, Ireland
- 2002 Braunwald Lecture Series, University of Chicago, Department of Medicine. "Percutaneous Treatment of Congenital Heart Disease", October 21, 2002, Chicago, IL
- 2002 Guest Speaker "Concepts in Contemporary Cardiology", October 23-26, 2002, Houston, TX
 Lectures 10/24/02: 1. Is Post Infarction VSD Repair Using Percutaneous Techniques Feasible? 2. Current Concepts for PFO Closure in Patients with Cryptogenic Stroke: Aspirin, Coumadin, Hypercoagulable States and New Devices
- 2002 Guest Faculty, 75th Annual Scientific Sessions of the American Heart Association, Chicago, IL, November 17-20, 2002.
 Featured Lecture: State of the Art: PFO and ASD Closure-Pediatric Therapy for Adults. November 19, 2002
- 2002 Presentation: Device Closure of Ventricular Septal Defects. Royal Children's Hospital, Melbourne, Australia, December 16, 2002
- 2002 Presentation: Device Closure of Septal Defects. Epworth Hospital, Melbourne, Australia, December 18, 2002.
- 2002 Presentation: Pediatric Cardiology Intervention: What can we do in 2002 –and should we? Royal Children's Hospital, Melbourne, Australia, December 18, 2002.
- 2003 Panel Member: RESPECT PFO Investigator Meeting, AGA Medical Corporation, Phoenix, AZ 2/13/03
- 2003 Guest Speaker: 5th Annual Meeting Pediatric Cardiac Society of India (PCSI), Mumbai, India, February 28-March 2, 2003
 1. Stents Beyond the Coronaries, February 28, 2003
 2. Transcatheter Interventions: ASD Closure, February 28, 2003
 3. Perimembranous VSD Closure, February 28, 2003
 4. Panel Discussion –Case Scenarios, March 1, 2003
 5. Transcatheter Interventions in Adult CHD, March 2, 2003
- 2003 52nd Annual Scientific Sessions of the American College of Cardiology, March 30-April 2, 2003, Chicago, IL
 Presented in Meet the Expert on April 1, 2003
 Transcatheter closure of Perimembranous VSD
- 2003 Guest Faculty at the 4th International Workshop on Interventional Pediatric Cardiology, San Donato Milanese, Milan, Italy, April 2-5, 2003.
 1. Lecture: Transcatheter closure of perimembranous VSD, April 3, 2003.
 2. Lecture: Stents implantation in pulmonary arteries, April 4, 2003
 3. Operator Live Case: Closure of perimembranous VSD/PDA/ASD, April 4, 2003
- 2003 Angioplasty and All That Jazz, New Orleans, LA, April 29-May 1, 2003.

Lecture: Catheter Closure of ASD using the Amplatzer. Techniques and Results.

- 2003 Program Co-chair of the 26th Annual Scientific Sessions & Melvin P. Judkins Cardiac Imaging Symposium of the Society for Cardiac Angiography and Interventions. Boston, MA, May 7-10, 2003.
- 2003 Speaker at the 26th Annual Scientific Sessions of the Society for Cardiac Angiography and Interventions. Boston, MA, May 7-10, 2003.
1. Catheter Closure of Perimembranous Ventricular Septal Defects. May 8, 2003
 2. Intracardiac Echocardiography: Evaluation/Guidance During Catheter Closure of Atrial Communications. May 9, 2003.
- 2003 Program Chair. Satellite Symposium: AGA: Update on Percutaneous Closure of Cardiac Defects in Adults and Children. Held during SCAI 26th Annual Meeting, Boston, MA, May 8, 2003.
- 2003 Speaker, AGA Medical Corporation Symposium at 26th Annual SCAI Meetings, Boston, MA, May 8, 2003.
- Lecture: State of the Art of Ventricular Septal Defects Closure.
- 2003 Workshop "Interventional Pediatric cardiology" at the Floating Hospital for Children at New England Medical Center, Boston, MA June 10th, 2003.
- 2003 Speaker: "Circulatory System Devices Panel Meeting" of the FDA to discuss the CP stent, Rockville, MD, June 17th, 2003.
- 2003 Guest Speaker: 6th International Workshop Catheter Interventions in Congenital Heart Disease and other non-coronary procedures, Frankfurt-Germany June 19-21, 2003
- Lectures:
1. Intracardiac Echo: when and how?
 2. Transhepatic access: Tips and tricks
 3. What you need to know about post surgical VSD's: Tips and Tricks
- Operator Live cases:
1. ASD closure under ICE guidance
 2. Perimembranous VSD closure under ICE guidance
 3. ASD closure using fenestrated ASD device under ICE guidance
- 2003 Faculty: Summer in Seattle "SIS" 2003, Seattle, Wa July 15-18, 2003
- Lecture: ASD/PFO Closure, July 17, 2003
- Panelist: Live cases from Swedish Hospital and Children's Hospital, July 17, 2003.
- 2003 Guest Faculty TCT XV, Washington DC, September 15-19, 2003
1. Lecture: Safety and efficacy of percutaneous VSD closure. September 16, 2003
 2. Lecture: The percutaneous approach to the patent ductus arteriosus. September 16, 2003
 3. Discussant: Septal defects, shunts and valvular disease.

September 16, 2003

- 2003 Course Director, Seventh Annual Pediatric Interventional Cardiac Symposium (PICS-VII) and 1st Emerging New Technologies in Congenital heart Surgery (ENTICHS-I), Ritz Carlton, Orlando, FL. September 21-24, 2003
Operator: Live Cases
Moderator: Morning Sessions
- 2003 Moderator: AGA Medical Symposium “Amplatzer devices: held during PICS VII, Orlando, FL, September 21, 2003.
- 2003 Invasive Cardiology: Catheter based closure of VSD/ASD/PFO and PDA. America Heart Association 71st Annual Fall Symposium. Cardiology and Stroke 2003. Los Angeles, CA, October 11th, 2003.
- 2003 Guest Speaker: XXIV Congresso Nazionale Della Societa Italiana Di Cardiologia Invasiva. Genoa, Italy, October 15-18,2003. Device Closure of ventricular Septal defects.
- 2003 How to Session: PFO Closure: Technique using the Amplatzer Device. American Heart Association Scientific Sessions. November 9-12, 2003, Orlando, FL
- 2003 Co-course Director: Intracardiac Echocardiography: Presented at a Satellite Symposium “State of the Art on PFO Closure” during the AHA Scientific Sessions, November 10, 2003, Orlando, FL.
Lecture: Intracardiac Imaging During Device Closure of PFO
Moderator: Discussion and Case Presentations
- 2004 Guest Speaker, American College of Cardiology, Annual Scientific Sessions, March 7-10, 2004, New Orleans, LA.
Lecture: Opening Arguments (Protagonist) for Patent Foramen Ovale and Atrial Septal Aneurysm in the Patient with Cerebrovascular Assident: See the Defect, Close the Defect. March 7, 2004
- 2004 Guest Faculty: Transcatheter Valve Symposium, 1st Annual Symposium on New Interventions in Transcatheter Valve Techniques, March 18-19, 2004, London, UK
Chairman for Session on 3/18/04
Lecture: The Interventionalist Perspective on Clinical and Regulatory Issues of Transcatheter Valve Implants –Considerations for Designing Clinical Trials. 3/19/04
Round Table and Debate with the audience on regulatory issues. 3/19/04
- 2004 Guest Faculty: Concepts in Contemporary Cardiology Symposium, April 1-3, 2004, Houston, TX
Lecture: Amplatzer Device Closure and PFO Repair
- 2004 Guest Faculty: The 1st Interventional Symposium of Congenital Heart Disease, April 4-7, 2004, Beijing, China
Lecture: Catheter Closure of Perimembranous VSD Techniques/Requests and Complications April 5, 2004
- 2004 Invited Speaker: 13th Annual Peripheral Angioplasty and All That Jazz, April 13-16, 2004, New Orleans, LA
Lecture: ASD Closure: Amplatzer Technique and Results.

- Panel: Introduction of AGA, NUMED, BMC and Children's Heartlink, April 6, 2005
 Live Case Demonstrations April 6, 2004
 Live Case Demonstrations April 7, 2004
- 2004 Guest Faculty: Emerging Interventional Cardiovascular Approaches, Sponsored by the University of Chicago, April 17, 2004, Oak Brook, IL
 Lecture: Catheter closure for PFO, ASD, Who and When
- 2004 Invited speaker: Third National Conference of Adult Congenital Heart Association, April 23-25, 2004, Rochester, MN
 Lecture: Catheter Interventions: When can we avoid an operation? April 24, 2004
- 2004 Invited Speaker: SCAI 27th Annual Scientific Sessions, 4/28-5/1/04, San Diego, CA
 Lecture: Update on VSD Closures 4/30/04
- 2004 Guest Faculty: New Frontiers in Cardiology: Integrating Recent Advances into Clinical Practice –A Case Based Conference. May 22, 2004, Chicago, IL
 Lecture: Nonsurgical repair of ASD's, PFO's and VSD's
- 2004 The 5th Moscow International Course on Endovascular Surgery of Congenital and Acquired Heart Disease, Coronary and Vascular Pathology. Moscow, June 8-10, 2004.
 Lectures: 1. Use of Intracardiac Echocardiography in ASD/PFO closure.
 2. Device closure of ventricular septal defects: muscular and membranous.
 Operator Live cases: ASD closure; Stent implantation.
- 2004 Paediatric Catheter Interventions-IJN Live 2004, Kuala Lumpur, Malaysia, June 11-13th, 2004.
 Lectures: 1. Imaging the ASD in the cath lab: from TEE to Intracardiac echo
 2. Post Infarct VSD: Transcatheter management.
 3. Pulmonary Atresia intact ventricular septum: Equipment and catheters
 4. Coarctation stenting vs balloon angioplasty: Balloon angioplasty
 Operator live cases: Closure of coronary artery fistula; Closure of PMVSD
- 2004 7th International workshop catheter interventions in congenital heart disease, Frankfurt, Germany, June 17-19, 2004
 Lectures: 1. Intracardiac echo-use for ASD and beyond
 2. Ventricular septal defects closure: Don't worry about the aortic valve or the AV node
 Operator live cases: ASD closure under ICE guidance; PFO closure under ICE guidance
- 2004 X Congreso SOLACI. XIV Congreso CACI, Buenos Aires, Argentina, August 4-6, 2004
 Lectures: VSD closure: Indications, techniques and complications. August 5th, 2004
 Roundtable discussion: ASD closure, August 5th, 2004
 Lecture: PFO closure: Indications, August 6th, 2004
 Lectures: Difficult cases in ASD closure, August 6th, 2004
 Live case Operator: PMVSD closure from Fundacion Favalore, August 6th

Live case Operator: Closure of PMVSD from Italian Hospital, August 6th, 2004.

- 2004 Course Director, Eighth Annual Pediatric Interventional Cardiac Symposium (PICS-VIII) and 2nd Emerging New Technologies in Congenital heart Surgery (ENTICHS-II), Marriott Downtown, Chicago, IL. September 19-22, 2004
Operator: Live Cases
Moderator: Morning Sessions
- 2004 Futuristic Interventional Cardiac Catheterization for Congenital Heart Disease. The 15th Great Wall International Congress of Cardiology, October 16-19, 2004, Beijing, China
- 2004 Live case demonstrations of Perimembranous VSD's: Beijing Tongren Hospital, October 17, 2004, Beijing, China
- 2004 State of the Art Interventional Cardiology for Congenital Heart Disease. Children's Hospital of Fudan University, October 18, 2004, Shanghai, China
- 2004 Device Closure of Ventricular Septal Defects. Shanghai Jiao Tong, University/Shanghai Children's Hospital, October 21, 2004, Shanghai, China
- 2004 Update on Adult Congenital Heart Disease Interventions. Colorado-Wyoming Cardiovascular Interventional Society. November 1, 2004. Denver, Co
- 2004 American Heart Association, Scientific Sessions 2004, New Orleans, LA, November 7-10, 2004
Speaker: Closure of Septal Defects: Catheter or Surgery?
Ventricular Septal Defect, Catheter
Oral Abstracts:
Transcatheter closure of perimembranous VSD using Amplatzer membranous VSD occluder: Immediate and mid term results

Transcatheter closure of perimembranous VSD using the new Amplatzer membranous VSD occluder: Result of the US Phase I trial.

Acute complications associated with stent placement in native postoperative coarctation of the aorta: A multi-institutional study.

Intermediate follow up of native and recurrent coarctation stent repair: is integrated imaging of the aortic arch necessary? A multi-institutional study.
- 2004 Long-term outcome of ASD closure, December 1st, 2004, Chilean Congress of Cardiology, Santiago, Chile
- 2004 Intervention in Adults with Congenital Heart Disease, December 2nd, 2004, Chilean Congress of Cardiology, Santiago, Chile
- 2004 Device closure of PMVSD's, December 2nd, 2004, Chilean Congress of Cardiology, Santiago, Chile
- 2004 Device Closure of PFO: to close or not to close, December 3rd, 2004, British Hospital, Buenos Aires, Argentina.
- 2004 Periventricular muscular VSD closure, December 10th, 2004, Princess Margaret Hospital, Perth, Western Australia, Australia.

- 2004 Catheter closure of PMVSD, December 13th, 2004, Starship Hospital, Auckland, New Zealand.
- 2004 Catheter closure of post infarct VSD's, December 14th, 2004, Green Lane Hospital, Auckland, New Zealand
- 2004 Future directions in interventional pediatric cardiology, December 15th, 2004, Starship Hospital, Auckland, New Zealand.
- 2004 Perventricular closure of muscular VSD's, December 15th, 2004, Starship Hospital, Auckland, New Zealand.
- 2005 Faculty Singapore Live 2005, January 24-27th, 2005, Singapore
Lectures:
1. ASD device Closure: technical tips and long-term outcome, January 25th, 2005
 2. VSD Device Closure, January 25th, 2005
- Operator Live Cases: Singapore Live 2005, January 25th, 2005, Singapore.
- 2005 Guest faculty, Eighth Annual Update on Pediatric Cardiovascular Disease (Cardiology 2005), Orlando, FL, February 16-20, 2005.
Lectures
1. Intraoperative Device Closure of VSDs.
 2. Transcatheter Closure of Membranous Ventricular Septal defects: Update on Clinical Trials
 3. Management of HLHS: Hybrid Stage I.
- 2005 Guest Lecturer: American College of Cardiology 54th Annual Scientific Sessions, March 6-9, 2005, Orlando, FL
Session: Advanced Technology: Case Review, Presentation: Patent foramen ovale-atrial septal defect closure
- Session: New Image Modalities, Presentation: Intracardiac echocardiography (ICE) primer
- Session: Controversies in Pediatric Cardiology, Presentation: Atrial septal defect closure in the aging adult makes a difference in outcomes –opening arguments/rebuttal, protagonist
- Poster Presentations
Use of intracardiac echocardiography for closure of atrial communications in patients less than 15 kilograms.
- The safety and efficacy of the 40mm Amplatzer septal occluder
- 2005 Guest Faculty: 10th Vail Symposium on Pediatric Cardiac Diseases, Vail, CO, March 13-16, 2005
Lecture: Device closure of VSD
- 2005 Guest speaker : 5th International Workshop on Interventional Pediatric Cardiology, San Donato Milanese-Milan, Italy, March 31st-April 2nd.
Lectures 1. Controversy: Transcatheter Closure of VSD vs Surgical Closure.

April 1st, 2005

Lecture 2. Edwards Pulmonic Valve. April 2nd, 2005

Lecture 3. Paravalvular Leaks. April 2nd, 2005

Operator Live Case: Transcatheter closure of PMVSD. March 31st, 2005.

Moderator: Transcatheter Valve Treatment, 11:00 AM-1:00 PM, April 2nd, 2005

- 2005 Co-Course Director Second Chinese Interventional Symposium on Congenital Heart Disease, April 9-12, 2005, Beijing, China.
1. Course Co-director
 2. Lectures: Percutaneous Pulmonic Valve Implantation: State of the Art, April 10th, 2005
 3. Percutaneous Aortic Valve, April 12th, 2005
 4. Live Cases Operator from Anzhen Hospital, Beijing: April 11-12, 2005
- 2005 Guest faculty at the 15th Annual Peripheral Angioplasty and all that Jazz, New Orleans, April 26-29, 2005.
- Lecture: Technique and results of ASD closure using the Amplatzer device.
- Moderator: Cardiogenic Stroke: Role of Percutaneous Closure and Techniques
- 2005 Guest faculty at the 2nd annual Transcatheter Valve Symposium, Chicago, IL April 28-29th, 2005.
- Lecture: Edwards Pulmonic valve
- Moderator: Transcatheter Valve technologies Session
- 2005 2nd Annual Symposium of Turkish Pediatric Interventional Cardiology, May, 3rd, 2005, Hacettepe University, Ankara, Turkey.
- Lecture: Device closure of ventricular septal defects
- 2005 Guest Faculty: 28th Annual Scientific Sessions of SCAI. May 4-7, 2005, Ponte Vedre Beach, FL
- Lecture: Device closure of VSD.
- 2005 Guest faculty in: The 6th Moscow International Course on Endovascular Surgery of Congenital and Acquired Heart Diseases, Coronary and Vascular Pathology. Moscow, Russia, June 9-11th, 2005
- Lectures:
1. Closure of ventricular Septal defects, June 10th, 2005
 2. Percutaneous Pulmonary Valve Implantation. June 11th, 2005.
- Live Cases:
1. ASD closure.
 2. RVOT Obstruction
- 2005 Guest faculty at “8th International Workshop Catheter Interventions in Congenital and Structural Heart Disease with Live Case Demonstrations”, Frankfurt, Germany, June 16-18, 2005.
- Lectures: How to use intracardiac echocardiography for ASDs and beyond. June 16th, 2005
- Lecture: Left atrial appendage closure using the Amplatzer devices. June 17, 2005
- Lecture: The Edwards percutaneous Pulmonic valve. June 18th, 2005
- Workshop: Use of ICE in catheter interventions. June 16th, 2005
- Operator Live cases:

1. PFO closure under guidance of the 8F AcuNav catheter. June 16th, 2005.
 2. ASD closure via transhepatic route. June 18th, 2005
 3. LAA closure using the Amplatzer muscular VSD device. June 18th, 2005
- 2005 Guest speaker at: Le Cardiopatie Congenite dal Feto all'Eta Adulta. Monza (Milano) Italy, June 23-24, 2005.
Lecture: Transcatheter Closure of perimebranous VSD
- 2005 Device closure of atrial septal defects using the Amplatzer Septal Occluder, National Cardiovascular Center, Osaka, Japan, August 8th, 2005.
- 2005 Device closure of ventricular septal defects. Okayama Medical School, Okayama, Japan, August 12th, 2005
- 2005 Ninth Pediatric Interventional Cardiac Symposium (PICS-IX) and 3rd Emerging New Technologies in Congenital Heart Surgery (ENTICHS-III), Buenos Aires, Argentina, September 15-18, 2005.
1. Course Director
2. Lectures:
 1. Post infarct ventricular septal rupture, September 18th, 2005.
 2. Percutaneous Pulmonary Valve implantation: Edwards Valve, September 18th, 2005
3. Operator live cases: From hospital Garrahan, Buenos Aires, Argentina, September 17, 2005
- 2005 The Fourth World Congress of Pediatric Cardiology and Cardiac Surgery, Buenos Aires, Argentina, September 18-22, 2005.
1. Chairman of: Daring Catheter Procedures, September 19, 2005.
2. Debate:
 1. Device Closure is the best option for secundum ASD. September 19, 2005.
3. Lecture:
 1. Device Closure of PmVSD: What VSD's to close and not to close by a device. September 19th, 2005.
 2. Role of ICE and IVUS in catheter intervention. September 20th, 2005.
- 2005 Guest speaker at the 75th Annual American Academy of Pediatrics National Conference, Section of Cardiology and Cardiac Surgery, October 7-9, 2005, Washington, D.C.
Lecture: Transcatheter Pulmonary Valve Replacement
- 2005 Guest faculty at Transcatheter Cardiovascular Therapeutic (TCT) 2005, October 16-21, 2005, Washington, DC.
Lectures:
 1. Device Complications and Management of ASD/PFO using Amplatzer. 10/16/05
 2. Diagnosis and Treatment of Acquired and Congenital Defects: ASD. 10/20/05
 3. Alternative transcatheter valve approaches to right sided congenital valve and outflow tract anomalies. 10/21/05.
Moderator:
 1. Diagnosis and Treatment of other congenital and acquired defects. 10/20/05
 2. Transcatheter treatment of other valve pathologies and miscellaneous considerations. 10/21/05
Live case operator:
 1. Coronary Theatre: ASD device closure. 10/19/05
 2. Masters Theatre: Coarctation of the aorta stent. 10/19/05

- 2005 Lecture: ASD device closure: Shanghai City Children's Hospital, Shanghai, China, October 31st, 2005.
- 2005 Guest Faculty: 16th Great Wall International Congress of Cardiology & ACC Symposium, November 3-6, 2005, Beijing, China
Lectures:
 1. The use of the Amplatzer Devices in Congenital heart Disease. November 4th, 2005
 2. Stents outside the coronary arteries. November 5th, 2005. Live Case Operator: Closure of a Large Secundum ASD in a small child: November 5th, 2005.
- 2005 Guest Speaker at the Scientific Sessions 2005 of the American heart Association, Dallas, TX, November 14th, 2005
Lecture: Catheter Closure of ASD/VSD/PDA.
- 2005 Guest Speaker at: Update in Pediatric cardiology, Kuwait Institute for Medical Specialization (KIMS), Kuwait, December 4-6, 2005.
Lectures:
 1. An Overview of Pediatric Interventional Cardiology: December 4th, 2005
 2. Transcatheter closure of Pm and muscular VSD: December 5th, 2005
 3. Evaluation of a sick neonate with CHD: December 5th, 2005
 4. Percutaneous pulmonary valve implantation: December 6th, 2005
- 2006 Guest Speaker at Third Annual Leveraging RFID for Hospitals, Las Vegas, NV, January 30- February 1, 2006
Lecture: Applying RFID within a major children's care facility
- 2006 Guest Speaker at the Fifth Annual Peripheral and Cardiovascular Conference, Alexian Brothers Hospital Network, Elk Grove Village, IL February 4, 2006
Lecture: PFO, Migraines and Strokes
- 2006 Guest Speaker at the Ninth Annual Update on Pediatric Cardiovascular Disease, The Children's Hospital of Philadelphia, , Scottsdale, AZ, February 8-12, 2006
Lectures: 1) Hybrid Procedures (Ectopia Interventionalis)
 2) A Ventricular Septal Defect Should be Closed Non-surgically: How and why I do it in the cath lab
- 2006 Guest Speaker at the Joint Interventional Meeting 2006, Rome, Italy, February 16-18, 2006
Lectures: 1) Tips and Tricks in Atrial Septal Defect Closure
 2) Tips and Tricks in Closure of Paravalvular Leaks
- 2006 Guest Speaker at the 55th American College of Cardiology Annual Scientific Session, Atlanta, GA, March 11-14, 2006.
i2 Summit 2006

- Lecture: Post-myocardial infarction VSD
- Poster Session: Catheter based interventions for CHD
- 2006 Guest Speaker at Siemens Innovation Center, Mountain View, CA
- Device Closure of Left-to-right Shunt
- 2006 Guest Speaker at UCSF/UC Davis Pediatric Heart Center 4th International Symposium. Complex Problems in Pediatric Cardiology and Cardiac Surgery, San Francisco, CA, April 26, 2006
- Lecture: Transcatheter VSD Device Closure
- 2006 Guest Faculty at 3rd Annual Symposium on New Interventions in Transcatheter Valve Techniques, San Francisco, CA, April 27-28, 2006
- Lecture: Edwards Pulmonary Valve
- Panel Discussant: Two pulmonary valve cases
- 2006 Invited Faculty at 15th Annual Peripheral Angioplasty and All That Jazz, New Orleans, LA, May 1-4, 2006
- Panel Moderator
- 2006 Congenital Heart Disease Program Co-Chair of the 29th Annual Scientific Sessions of the SCAI, Chicago, IL, May 10-13, 2006
- Moderator: Combined Session Adult and Pediatric Cardiology
- Lecture: AGA Satellite Symposium: Closure of Large ASD's. 29th Annual Scientific Sessions of SCAI, May 11, 2006, Chicago, IL
- Lecture: Percutaneous Pulmonary Valve Implantation: The Cribier-Edwards PHV, 29th Annual Scientific Sessions of SCAI, May 11, 2006, Chicago, IL
- 2006 Guest Faculty at European PCR, Paris, France, May 16-19, 2006
- Presentation: Glimpse into the future: Pulmonary valve preclinical applications, May 17, 2006.
- 2006 Invited Speaker, Sixth Annual Louis F. Albright, M.D. Cardiology Symposium. Contemporary Issues in Cardiovascular Diseases. Jersey Shore University Medical Center, Neptune, NJ, May 23, 2006
- Lecture: Interventions in Congenital Cardiac Abnormalities
- 2006 Guest faculty in the 9th International Workshop Catheter Interventions in Congenital and Structural Heart Disease with Live Case Demonstrations², Frankfurt, Germany, June 8-11, 2006.
- Lectures: Percutaneous Pulmonary Valve Implantation, June 9th, 2006 Live Case Operator with transmission from University of Chicago, June 9th, 2006
- 2006 Guest Faculty at the 8th International Meeting of the Jordan Cardiac Society, June 20-23rd, 2006, Amman-Jordan
- Lecture: Transcatheter Closure of ASD, June 21st, 2006.
- Lecture: An Overview of Device Closure of VSD, June 22nd, 2006.

- 2006 Pediatric Cardiology Review Board Course: Update on Interventional Cardiology for Congenital Heart Disease: University of Illinois at Chicago, Chicago, IL, June 26th, 2006
- 2006 Guest Faculty: The Inaugural International Symposium on the Hybrid Approach to Congenital Heart Disease (ISHAC), Children's Hospital in Columbus, OH, June 28-30th, 2006
 Operator Live Case: Perventricular Closure of VSD's: June 28th, 2006
 Lecture: Perventricular Closure of Muscular VSD, June 29th, 2006
 Lecture: Is Hybrid Therapy here to stay? June 29th, 2006
 Moderator: Live cases 10:30-12:00, June 29th, 2006
 Instructor: Hybrid workshop at University Laboratory Animal Resources, June 30th, 2006
- 2006 Guest faculty: The 42nd Annual Meeting of Japanese Society of Pediatric Cardiology and Cardiac Surgery. July 13-15th, 2006, Nagoya, Japan
 Lecture: Catheter Intervention Therapy of CHD, especially VSD: July 14, 2006
 Lecture: Catheter Intervention of ASD: July 14th, 2006
 Panel Discussion: New Strategy of CHD, with Catheter Intervention: Hybrid Approach: July 14th, 2006
 Ask the Expert: July 15th, 2006
- 2006 Guest Faculty & International Advisor: Pediatric Catheter Interventions ijnlive 2006, July 26-28th, 2006, Kuala Lumpur, Malaysia.
 1. Debate: Perimembranous Ventricular Septal Defect should not be closed in the cath lab: Ziyad Hijazi vs Mohan Reddy, July 27th, 2006.
 2. Lecture: percutaneous Pulmonary Valve Implantation, July 28th, 2006
 3. Moderator: Morning Sessions, July 26th, 2006.
 4. Live cases Operator: Perventricular VSD closure, July 27th, 2006.
- 2006 Tenth Pediatric and Adult Interventional Therapies for Congenital and Valvular Heart Disease (PICS 2006), Las Vegas, NV, September 10-13, 2006.
 1. Course Director
 2. Moderator Morning Session, September 10, 2006
 3. Comprehensive Workshop on PFO/ASD Closure in Adults and Children, Moderator, September 10, 2006
 4. Moderator Morning Session, September 11, 2006
 5. Welcome and Course Overview, September 11, 2006
 6. Moderator Morning Session, September 13, 2006
 7. Closing Remarks –Pediatric Session, September 13, 2006
 Lectures:
 1. ICE in small children: Is it better than TEE?, September 10, 2006
 2. Update on the Edwards pulmonic valve, September 11, 2006
 3. Device Closure in the Neonate and Small Infant, September 13, 2006
 4. The Percutaneous Management of PDA's in the Adult, September 13, 2006
 Operator live cases: From University of Chicago Hospitals, September 12, 2006
- 2006 Guest speaker at the 3rd French Pediatric Cardiology Society meeting in Strasbourg, September 21-23, 2006.
 Lecture: Future directions for interventions in congenital heart disease: VSD's and valves
- 2006 Guest faculty at Transcatheter Cardiovascular Therapeutic (TCT) 2006, October 22-27, 2006, Washington, DC.

Lectures:

1. Device Closure of multi-fenestrated ASDs using the Cribiform device. 10/25/06
2. Tetralogy of Fallot and Transposition Complexes: What the interventionalists doing adult repair needs to know. 10/25/06

Live case operator:

1. Structural Heart Disease Auditorium: ASD device closure. 10/23/06
2. Structural Heart Disease Auditorium: PFO device closure. 10/24/06
1. Main Theatre: Coarctation Stent Dilation. 10/24/06

- 2006 Guest Faculty at South African Heart Association Meeting, Cape Town, October 29- November 1st, 2006
- Lectures:
1. Coarctation Stents: Tips & tricks. October 30th, 2006
 2. Percutaneous Pulmonary Valve Placement. October 30th, 2006
 3. Device Closure of VSDs. October 31st, 2006
 4. ASD Closure; State of the art. October 31st, 2006
- 2006 Guest Faculty at The First Asia-Pacific Congress of Pediatric Cardiology and Cardiac Surgery, Bangkok-Thailand, November 1-4, 2006
- Lectures:
1. Transcatheter Closure of VSDs: Results and Complications. November 3rd, 2006
 2. Transcatheter Valve Therapy: Weird or Wonderful: Debate. November 4th, 2006
 3. Future of Cardiac catheterization: November 4th, 2006
- Moderator: Interventional Symposium: Difficult cases. November 3rd, 2006
- 2006 The 3rd International Cardiac Congress of Saud Al-Babtain Cardiac Center, December 12-14th, 2006, Dammam- Kingdom of Saudi Arabia. A. Workshop: Muscular VSD and ASD Device Closure: Dr. Ikram Massoud. Saud Al-Babtain Cardiac Center, December 12th, 2006. B. Lecture: Percutaneous Pulmonary valve implantation. Where are we? And future directions. December 13th, 2006.
- Lecture: VSD device closure, technical considerations & update. December 13th, 2006.
- Moderator: Meet the expert roundtable Pediatric Cardiology-Tetralogy of Fallot. December 13, 2006.
- 2006 Guest speaker: Advanced Interventional Approaches, International Lighthouse Conference Center, New York City, NY Dec 14-15, 2006.
- Lecture: Interventional Therapies for Congenital Heart Disease-Update. 12-15-06
- Moderator: Congenital Therapies & Live case of PFO closure. 12-15-06
- 2007 Invited Speaker to AGA Annual Sales Distributors, February 12, 2007, Plymouth, MN
- Lectures:
1. Transcatheter Closure of Atrial Septal Defects.
 2. Transcatheter Closure of PFO
 3. Transcatheter Closure of PDA
- 2007 Guest speaker at Joint Interventional Meeting "JIM" 2007, February 15-17, 2007, Rome, Italy:
1. Guest lecture: How to deal with PFO: When and how to treat. February 15th, 2007
 2. Panelist for live cases: February 15th.

- 2007 Guest speaker at the Tenth Annual Update on Pediatric Cardiovascular Disease: Cardiology 2007, Orlando-FL, February 21-25, 2007.
 1. Lecture: Working with the Industry
 2. Lecture: Coarctation Stenting in children and adults
- 2007 Guest faculty: 56th Annual Scientific Sessions of the American College of cardiology, i2 Summit, New Orleans, Louisiana, March 24th-27th, 2007.
 Moderator: PFO Session, March 26th, 2007
- 2007 Guest Faculty: 6th Workshop on Interventional Pediatric Cardiology, San Donato Milanese, Milan, Italy, March 28th - 31st, 2007.
 Moderator, Session 4: VSDs, march 29th.
 Speaker:
 1. Early and long term complications of ASD closure: how to avoid them. March 30th, 2007
 2. Percutaneous pulmonary valve replacement. March 31st, 2007
 3. Early/long term results and complications of stenting aortic arch. March 31st, 2007.
 Operator Live Case:
 1. Device Closure of Coronary AV fistula. March 31st, 2007.
- 2007 Guest faculty: Concepts in Contemporary Cardiovascular Medicine Symposium. Houston, April 18-21, 2007.
 Lecture: Transcatheter Closure of VSDs in Adults, April 20th, 2007
- 2007 Guest Faculty at the 15th Charleston Symposium on Congenital Heart Disease: The "Cutting" Edge of Imaging, Surgery and Intervention
- Lectures:
 1. Catheterization in the Postoperative period. May 3rd, 2007
 2. Implantable Valves/Stents: May 3rd, 2007
 3. Intracardiac Echocardiography To Guide Interventions. May 4th, 2007
 4. Hybrid procedures: Present and Future. May 4th, 2007
- 2007 Guest faculty at SCAI 30th Annual Scientific Sessions, May 9-12, 2007, Orlando, FL
1. Thursday, May 10th, 9:00-9:30 AM: Debate: The Edwards valve is the best Device.
 2. Thursday, May 10th, 3-5:00 PM: Moderator, Combined adult/pediatric session.
 3. Friday May 11th, 11:30-11:50 AM: Lecture: Post MI VSD.
 4. Friday May 11th, 3:30-3:45 PM: Lecture: Quick Tips & tricks: Avoiding Grief-Aortic Rupture in Coarctation.
- 2007 Guest Faculty Seventeenth Annual Course on Adult Congenital Heart Disease: Past, Present and Future, May 30-June 2, 2007
 Lecture: Device Closure of VSD in the Adult patient, May 31st, 2007
- 2007 Guest faculty at EuroPCR07, Barcelona-Spain, May 22-225th, 2007.
 Lecture: An Overview of pulmonic valve technologies. May 23rd, 2007
- 2007 Guest faculty: The 9th Moscow International course on endovascular surgery of congenital and acquired heart diseases, coronary and vascular pathology. June 4-6th, 2007, Moscow, Russia.

- Lectures: 1. Percutaneous Pulmonary valve Implantation. June 5th, 2007. 2. Device closure of perimembranous VSD. June 5th, 2007.
- Operator Live cases: June 4th, 2007.
- 2007 Guest faculty: The 10th International Congress on Congenital and Structural Interventions, June 7-9th, 2007, Frankfurt-Germany.
- Lectures: 1. How to close difficult perimembranous VSDs-June 7th, 2007 2. How to close ASDs with deficient posterior rim. June 7th, 2007
- Chairman: How to close difficult VSDs: Tips & Tricks. June 7th, 2007.
- Operator Live cases: PFO closure using the Occlutech device, June 7th, 2007.
- 2007 Guest faculty: 18th Annual Scientific Sessions of the American Society of Echocardiography, Seattle, June 16-20th, 2007.
- Moderator: Percutaneous Repair/Annuloplasty. June 19th, 2007
Lectures: Introduction to percutaneous valves. June 19th, 2007
Debate: Pro: Every candidate for pulmonic/MV repair should have a percutaneous option. June 20th, 2007.
- 2007 Guest Faculty: International Symposium on the Hybrid Approach to Congenital Heart Disease (ISHAC) with Live Cases Presentations. Columbus, OH, June 27-29, 2007:
- Lecture: Beginning a Hybrid Program. Wed, June 27 11:00-11:30 AM
Live Case: Periventricular VSD @ CCH Hybrid Suite Operator. Wednesday, June 27, 2007, 1:00-2:45 PM
- Lecture: Hypoplastic Left Heart Syndrome: Creating the ASD. June 27 3:50-4:00 PM
- Lecture: Hybrid Delivery of Stents. Thursday, June 28, 11:15-11:30 AM
- Live Case; Transapical Aortic Valve Stent @ ULAR Experimental Surgical Suite. Thursday, June 28 11:30-Noon
- Workshop Instructor: Friday, June 29 8:00-5:00 PM HYBRID WORKSHOP at University Laboratory Animal Resources, Experimental Surgery Suite
- 2007 Guest faculty at SOLACI 07, Buenos Aires, Argentina July 4-7, 2007
Lectures:
1. Experience in Pulmonary Valve Replacement. July 5th
 2. Trans apical Aortic Valve Implantation. July 5th
 3. ASD Device Closure. New Devices. July 5th
 4. Tricks for ASD Closure with Amplatzer Device. How to Minimize the Complications. July 5th
 5. PFO Closure: When Is It Indicated? Techniques and Outcomes. July 5th
 6. ASD and PFO Closure: Current Status and New Devices in Adults. July 6, 2007
- 2007 Eleventh Pediatric and Adult Interventional Therapies for Congenital and Valvular Heart Disease (PICS 2007), Las Vegas, NV, July 22-25, 2007
1. Course Director

2. Comprehensive Workshop on PFO/ASD Closure in Adults and Children, Moderator, July 22, 2007
 3. Moderator Morning Session, July 23, 2007
 4. Welcome and Course Overview, July 23, 2007
 5. Moderator Morning Session, July 25, 2007
 6. Moderator Afternoon Session, July 25, 2007
 7. Closing Remarks –Pediatric Session, July 25, 2007
- Lectures:
1. The Cribier-Edwards Pulmonic Valve, July 25, 2007
- Operator Live Cases: From Sunrise Hospital, Las Vegas, NV, July 24, 2007
- 2007 Guest Speaker: Antonio Colombo Alumni Association, Napa Valley, CA, August 22-23, 2007
 Lecture: Lesion Specific Device Closure of ASD and VSD
- 2007 Guest Faculty: ENCORE SEOUL 2007. September 6-8, 2007, Seoul, Korea.
 Live Case Operator: ASD device closure at Gachon University Gil Medical Center, September 7th
 Lectures:
 1. State of the art: Transcatheter closure of ASD
 2. Percutaneous pulmonary valve implantation: where are we and where are we heading?
- 2007 Guest faculty: Cardiology Fiesta in San Antonio, September 19-22, 2007.
 Lectures:
 1. Coarctation stenting. 9/22/2007
 2. PDA Closure. 9/22/2007
 3. Percutaneous pulmonary valve implantation. 9/22/2007
 4. PFO: role in stroke. 9/22/2007
- 2007 Guest faculty: Controversies and Advances in the Treatment of Cardiovascular Disease. The Seventh in the series. October 4-5, 2007, Los Angeles, CA
 1. Lecture: State of the Art Presentation: Adults with Congenital Heart Disease: Interventional Therapies: Accomplishments and Shortfalls. October 4th, 2007
- 2007 Guest faculty: Advances in Cardiac & Endovascular Therapies (ACE) 2007. New York, NY October 6-10, 2007.
 Lectures:
 1. Post infarct VSD: When and How to close. 10/9/2007
 2. Congenital VSDs: Closure and results. 10/9/07
- 2007 Guest Faculty at TCT 2007, Washington DC, October 20-25th, 2007.
 Date: Sun Oct 21
 Time: 9:51 AM - 10:01 AM
 Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
 Section Title: Session II: ASD Closure, Simple and Not
 Lecture Title: When is Surgical ASD Repair Preferred?
 Role: Lecturer
 Room: 149 AB
 Location: Washington Convention Center

Date: Sun Oct 21
Time: 10:35 AM - 10:50 AM
Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
Section Title: Session II: ASD Closure, Simple and Not
Lecture Title: Moderated Roundtable Discussion
Role: Discussant
Room: 149 AB
Location: Washington Convention Center

Date: Sun Oct 21
Time: 10:50 AM - 12:15 PM
Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
Section Title: Session III: VSD and PDA Closure
Role: Moderator
Room: 149 AB
Location: Washington Convention Center

Date: Sun Oct 21
Time: 11:00 AM - 11:10 AM
Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
Section Title: Session III: VSD and PDA Closure
Lecture Title: Technical Aspects and Advanced Techniques of Post MI VSD Closure
Role: Lecturer
Room: 149 AB
Location: Washington Convention Center

Date: Sun Oct 21
Time: 11:50 AM - 12:15 PM
Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
Section Title: Session III: VSD and PDA Closure
Lecture Title: Moderated Roundtable Discussion
Role: Panel Moderator
Room: 149 AB
Location: Washington Convention Center

Date: Sun Oct 21
Time: 12:15 PM - 1:15 PM
Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
Section Title: Session IV: Mini-Course On Transseptal Catheterization
Role: Moderator
Room: 149 AB
Location: Washington Convention Center

Date: Sun Oct 21
Time: 1:05 PM - 1:15 PM
Event Title: Interventional Therapies for Adult Congenital Heart Disease and Structural Defects (Featuring a Mini-Course on Transseptal Catheterization)
Section Title: Session IV: Mini-Course On Transseptal Catheterization

Lecture Title: Moderated Roundtable Discussion
Role: Panel Moderator
Room: 149 AB
Location: Washington Convention Center

Date: Sun Oct 21
Time: 1:58 PM - 2:06 PM
Event Title: The Valvular Heart Disease Summit
Section Title: Session IV. Pulmonic Valve Therapies
Lecture Title: Percutaneous Pulmonic Valve Replacement (Edwards): Device Description and Updated Clinical Results
Role: Lecturer
Room: 202B
Location: Washington Convention Center

Date: Sun Oct 21
Time: 2:06 PM - 2:12 PM
Event Title: The Valvular Heart Disease Summit
Section Title: Session IV. Pulmonic Valve Therapies
Lecture Title: Roundtable Discussion
Role: Discussant
Room: 202B
Location: Washington Convention Center

Date: Tue Oct 23
Time: 8:00 AM - 9:30 AM
Event Title: Structural Heart Disease Theater
Section Title: Adult Congenital Heart Disease II: Shunts and Septal Defects
Role: Moderator
Room: Structural Theater, Lower Level
Location: Washington Convention Center

Date: Tue Oct 23
Time: 9:00 AM - 9:15 AM
Event Title: Structural Heart Disease Theater
Section Title: Adult Congenital Heart Disease II: Shunts and Septal Defects
Lecture Title: Patent Ductus Arteriosus: Diagnosis, Treatment Indications, and Interventional Therapies
Role: Lecturer
Room: Structural Theater, Lower Level
Location: Washington Convention Center

Date: Tue Oct 23
Time: 9:30 AM - 12:00 PM
Event Title: Structural Heart Disease Theater
Section Title: Live And Taped Case Session III
Role: Moderator
Room: Structural Theater, Lower Level
Location: Washington Convention Center

Date: Wed Oct 24
Time: 9:30 AM - 10:30 AM
Event Title: Structural Heart Disease Theater

Section Title: Live and Taped Case Session V
Lecture Title: Rush University Medical Center
Role: Live Case Operator
Room: Structural Theater, Lower Level
Location: Washington Convention Center

Date: Wed Oct 24
Time: 3:00 PM - 3:30 PM
Event Title: Main Arena
Section Title: Plenary Session 20: Live Case Session VI
Lecture Title: Rush University Medical Center
Role: Live Case Operator
Room: Ballroom - Third Level
Location: Washington Convention Center

Date: Wed Oct 24
Time: 4:30 PM - 5:30 PM
Event Title: Structural Heart Disease Theater
Section Title: Live and Taped Case Session VI
Lecture Title: Rush University Medical Center
Role: Live Case Operator
Room: Structural Theater, Lower Level
Location: Washington Convention Center

- 2007 Guest faculty Eight Panafrican Course On Interventional Cardiology, Monastir-Tunisia, November 14-17, 2007.
Lectures:
1. New Advances in Percutaneous Valve replacement: Edwards Pulmonic Valve. 11/16/2007
2. What are the appropriate candidates for percutaneous valve repair. 11/16/2007
3. Percutaneous ventricular septal defect closure: techniques and results. 11/16/2007
4. Coarctation management in children and adults. 11/16/2007

Live Case Operator: ASD device closure: 11/16/2007
Workshop: Monastir Faculty of Medicine: Habib Bourghiba Hospital. ASD Closure. Dr. Faouzi Maatouk. 11/17/2007
- 2007 Guest faculty: 6th International Cardiovascular Conference 2007 (4th Annual Cardiac Congress at Saud Al-Babtain), 26-29th November, Dammam-Saudi Arabia
Lectures:
1. Current application of intracardiac echocardiography, 11-27-07
2. Update on the Amplatz device to close PmVSD, 11-27-07
3. ASD & PFO closure using the Occlutech devices, 11-27-07
- 2007 Guest speaker: Interventional Cardiology in Adult patients with congenital heart disease. Shaikh Khalifa Hospital, Abu Dhabi, November 29th, 2007.
- 2007 Guest faculty: Innovations in Cardiovascular Interventions. Tel Aviv, Israel, December 2-4, 2007.
Lectures:
1. ASD & PFO closure using the new Occlutech Devices, December 2nd, 2007

2. Percutaneous pulmonary valve implantation using the Edwards Sapien THV, December 3rd, 2007

Moderator: Structural Heart Disease Session, December 2nd, 2007

- 2007 Guest faculty: 16th Asian Pacific Congress of cardiology. Taipei-Taiwan, December 13-16th, 2007.
Lecture: Percutaneous Pulmonary valve implantation using the Edwards Sapien THV. December 15th, 2007
Operator Live Cases: From National Taiwan University Hospital. December 16th, 2007
- 2008 Guest Faculty: III International Interventional Forum, January 17-18, 2008, Torino, Italy.
Speaker: Transcatheter Closure of ASD in the elderly. January 18th, 2008.
- 2008 Guest speaker, keynote lecture at First Annual Terry King Lectureship in Pediatric Cardiology: Device Closure of ASD: From King to Amplatz. New Orleans, LA, January 26th, 2008
- 2008 Guest speaker: Annual Scientific Sessions of The Society of Thoracic Surgeons, January 27th, 2008, Ft. Lauderdale, FL.
Session Title: Congenital Heart Disease in the Adult: Evolving models of care.
Lecture: Percutaneous PFO-Strategies for Adults and Children
- 2008 Guest speaker at: 19th Scientific Session of The Saudi Heart Association; The International Symposium of King Abdulaziz Cardiac center and the 7th Annual Meeting of the Pan Arab Congenital Heart Disease Association (PACHDA). February 11-14, 2008, Riyadh, Saudi Arabia.
- Lectures:
1. Coarctation of the aorta stenting. February 13th, 2008.
2. percutaneous pulmonary valve implantation using the Edwards Sapien THV. February 13th, 2008.
- 2008 Invited Faculty, Joint Interventional Meeting, Rome, Italy, February 14-16, 2008
Moderator Live Cases from Milan 2/14/08
- 2008 Faculty, Gore Innovators Forum, Scottsdale, AZ, March 2-4, 2008.
- 2008 Guest faculty: 10th KFAFH International Cardiac Symposium: Advances in Cardiovascular Diseases. Challenges of the Right Heart. March 19-20th, 2008, Jeddah, Saudi Arabia.
- Lectures:
Percutaneous Pulmonary Valve Implantation.
VSD Device Closure: Where is the Controversy??
- 2008 **Faculty, The SCAI Annual Scientific Sessions in Partnership with ACC-i2, Chicago, IL March 29th-April 1st, 2008**
 1. **Co-Chair:** Valvular and Structural Heart Disease. March 29th, 2008.
 2. **Case study:** Percutaneous Valve Replacement for PS: March 29th
 3. **Co-Chair, welcome.** Historical reflections/Stents. March 30th.
 4. **Keynote Presentation:** Current & Future Treatments for Structural heart Disease. Monday, March 31st
 5. **Panelist,** Live cases Session XII: Helios Heart Center, Germany, March 31st
 6. **Lecture:** Imaging, Sizing & Device Selection for Closure of ASD.

March 31st

7. **Lecture:** Assessment of Pulmonary Hypertension in Patients with Valvular Heart Disease. March 31st

- 2008 Faculty, ACC 2008 57th Annual Scientific Sessions, Chicago, IL March 30-April 1st, 2008
1. **Lecture:** Alternative Pulmonary Stent Valves: Design & Clinical Data. April 1st
- 2008 Guest faculty: 6th Gulf Heart Association conference, 5th Yemeni Cardiac Conference and 1st Yemeni Pediatric Cardiology Conference. Sanaa, Yemen, April 9-11th, 2008.
Lectures:
1. Device Closure of VSD's, April 9th, 2008
2. Percutaneous Pulmonary Valve Implantation, April 10th
3. Management of Coarctation of the Aorta. April 10th.
- 2008 Guest faculty 13th Annual Angioplasty Summit TCT Asia Pacific, Seoul-Korea, April 23-25th, 2008.
Lectures:
1. Percutaneous Pulmonic Valve Replacement (Edwards): Device description and updated clinical results. 4/24/08
2. Reviewing PFO Closure devices. 4/24/08
3. Transcatheter closure of atrial septal defects in adult patients: indications for closure and technical tips to close large ASDs. 4/24/08
4. Coarctation of the aorta in adult patients: stent implantation: Techniques and results. 4/25/08

Operator Live cases:
Closure of ASD. 4/24/08

Moderator:
Breakfast Meeting: Meet the experts: Mini lectures and case discussions. 4/25/08
- 2008 Guest faculty: The Adult Congenital Heart Association 5th National Conference. Philadelphia, PA, May 1-4, 2008.
Lecture: What is new in catheter Intervention. May 2nd, 2008
- 2008 Guest faculty: 17th Annual Peripheral Angioplasty and AHA Jazz Symposium, New Orleans, May 4-6, 2008.
Lecture: Percutaneous PFO & ASD Repair: Indications, current status and devices. May 4, 2008
- 2008 Guest faculty: New Frontiers in Echocardiography: World's First Course on Live 3D TEE With Interactive Imaging Sessions. Chicago, May 9-10, 2008.
Lecture: ASD closure under 3D TEE. May 9th, 2008
- 2008 Guest faculty The World Congress of Cardiology, Buenos Aires, Argentina, May 18-21, 2008
Lectures:
1. Transcatheter Pulmonary valve Implantation. May 19, 2008.
2. ASD Device Closure. May 19, 2008
3. Experience with Edwards Valve. May 20th, 2008.

Moderator: Joint session between SOLACI & SCAI
What we know and what we do not know about DES. May 19th, 2008

- 2008 The Hyman Levy Visiting Professorship at Mount Sinai Medical Center, June 3-5, 2008, New York, NY
- Lectures:
1. CT Surgical grand rounds: Hybrid Interventions. June 4th, 2008
 2. Adult cardiology fellows teaching rounds: Adult congenital heart disease. June 4th, 2008
 3. Pediatric cardiology/CT surgery conference: Coarctation of the aorta therapy. June 4th, 2008
 4. Pediatric grand rounds: Futuristic cardiac catheterization. June 5th, 2008
- 2008 Guest faculty: Transcatheter Valve Therapies (TVT), Seattle, WA, June 6-8, 2008
Lecture: Edwards Sapien THV: Design, Technique and outcome. June 8th, 2008
Workshop: Bioskills workshop. June 7th, 2008
- 2008 Guest faculty: 2008 International Symposium on the Hybrid Approach to Congenital Heart Disease (ISHAC), Columbus, OH, June 16-18, 2008
- Moderator: Hypoplastic Left Heart Syndrome-Part I. June 17th, 2008
Lecture: The atrial septum...The Achilles Heel? June 17th, 2008
Live Case@ULAR: Transcatheter valve implantation. June 17th, 2008
Live case at Rush: Periventricular VSD closure. June 18th, 2008.
- 2008 Guest faculty: XXX Congresso de Sociedade Brasileira de Hemodinamica e Cardiologia Intervencionista (SBHCI), Recife, Brazil, June 18-20, 2008
- Lecture: PFO Closure: critical analysis of PFO devices. June 20th, 2008
Lecture: Percutaneous pulmonary valve implantation. June 20th, 2008.
Live case: Closure of large ASD. June 20th, 2008
- 2008 Guest faculty Congenital & Structural Interventions. June 25-28th, 2008, Frankfurt, Germany.
Lectures:
1. What is different in using the Edwards valve. June 26th, 2008
 2. How to do trans-septal puncture: role of TEE & ICE. June 27th, 2008
- Moderator: Evening session-Closure of difficult ASDs: Tips and Tricks. June 26th, 2008.
Operator Live case: June 26th, 2008. Closure of secundum ASD using the Occlutech device.
- 2008 Visit to Hansen Medical, San Francisco, CA, July 2-3rd, 2008.
Lectures:
1. Percutaneous Aortic Valve Therapy.
 2. PFO device closure: Stroke and Migraine.
- 2008 Twelfth Pediatric and Adult Interventional Therapies for Congenital and Valvular Heart Disease (PICS 2008), Las Vegas, NV, July 20-23, 2008
1. Course Director
 2. Comprehensive Workshop on ASD and Imaging of the Atrial Septum
Moderator, July 20, 2008
 3. Moderator Morning Session, July 22, 2008
 4. Moderator Afternoon Session, July 23, 2008
- Operator Live Cases: From Rush University Medical Center, Chicago, IL
July 21, 2008
- 2008 Guest Faculty: 2nd annual Tips & Tricks in Complex Interventional Cardiovascular Therapy “CICT”, San Francisco, CA, August 23-24th, 2008.

1. When to close an ASD and what are the device choices?
 2. Case Review: Closure of an ASD in an elderly patient using a Fenestrated ASD device
 3. Case Review: closure of a large ASD: Complete heart block
- 2008 Guest faculty: Percutaneous treatment of structural heart disease. Winthrop University, Long Island, NY, September 13th, 2008.
- Lecture: Management of coarctation of the aorta and percutaneous pulmonary valve implantation.
- 2008 Guest faculty: Tips and tricks in congenital and structural Interventions. September 18-20, 2008, Milan, Italy
1. lecture: Percutaneous muscular and postinfarct VSD closure. Sept 18, 2008
 2. Lecture: Percutaneous pulmonary valve implantation: The Edwards Sapien THV. Sept 18th, 2008
- Moderator: Morning & Afternoon Sessions. September 18th, 2008.
- 2008 Guest faculty: AdvaMed 2008, Washington DC, September 23, 2008.
- Lecture: Partnership with Clinicians: is Collaboration Dead. Clinician's perspectives.
- 2008 Guest faculty: ENCORE, Seoul 2008. September 26-27th, 2008, Seoul, Korea.
- Lecture: Transcatheter closure of ASD in the elderly. Sept 27th, 2008
- Moderator live cases; sept 27th, 2008
- 2008 Guest faculty: TCT-2008, October 12-17, 2008, Washington DC
- Lectures:
1. Sunday, October 12th, 4:22-4:32 PM. US Experience with percutaneous pulmonary valve implantation II: The Edwards-Sapien THV System
 2. Monday, October 13th, 11:20-11:35 AM: Evidence-Based Medicine 2008: Clinical studies in ASD closure.
- Discussant:
1. Sunday, October 12th, 5:14-5:30 PM, The valvular heart disease summit: Medical, surgical and percutaneous approaches. The other valve lesions.
 2. Monday, October 13th, 2:50-3:30 PM, The art and technique of coarctation repair: case review session.
 3. Monday, October 13th, 3:55-4:05 PM. moderated audience Q&A: Coarctation repair.
- Moderator:
1. Monday October 13th, 11:20 AM-1:35 PM, Interventional Therapies for CHD & Structural defects: A case based seminar.
 - a. 11:35-12:25: The art & technique of ASD closure: Case review session.
 - b. 12:40-1:20 PM: My worst case: ASD or PFO closure
 - c. 1:20-1:35 PM: Moderated audience Q&A
 2. Tuesday, October 14th, 8:00-9:00 AM: Overview and PFO closure
 3. Tuesday, October 14th, 9:30-12:30 PM, **Live Case Co-Moderator: Structural Theater I.**
 4. Tuesday, October 14th, 2:00-4:00 PM, **Live case Discussant, Main Arena**
- Live Case Operator:

1. Wednesday, October 15th, 2:00-3:00 PM, **Live case operator: Structural Theater-II**
 2. Wednesday, October 15th, 3:30-4:00 PM, **Live case operator: Main Arena-II**
 3. Thursday, October 16th, 3:30-4:30 PM, **Live case operator: Structural Theater-III**
- 2008 Guest faculty: The 17th ASEAN Congress of Cardiology, Hanoi, Vietnam, October 18-21, 2008
 Lectures:
 1. Percutaneous Pulmonary Valve Implantation using the Edwards Valve, October 18th, 2008.
 2. ASD closure in the US. October 18th, 2008
 3. Percutaneous pulmonary valve implantations: Indications, technique and outcome. October 20th, 2008
- Operator Live Case: Closure of pulmonary AVM. October 18th, 2008
 Chairperson: Precongress Symposium, Congenital & Structural Interventions. October 18th, 2008
 Panelist: Plenary session, October 20th, 2008
- 2008 Faculty American Heart Association Scientific Sessions 2008. November 8-12, 2008
 Lecture: Adult Congenital Heart Disease: Facing the challenges. Diagnostic and Interventional approaches in the adult. November 10th, 2008. New Orleans, LA
- 2008 Guest faculty: CardioInterv 2008, Hospital Cardiologico Costantini, Curitiba-Brazil, December 5-6, 2008.
 Lecture: Do we have enough data to warrant PFO closure for stroke, migraine and other syndromes?
 Live case operator: ASD closure using Occlutech device
- 2008 Course Director: SCAI Interventional Cardiology Fellows Course: The Pediatric/Congenital Program, Las Vegas, December 8-12, 2008.
 Moderator for Pediatric/Congenital program
 Lectures:
 1. Angiography for congenital & structural heart disease. 12/11/08
 2. PDA catheter closure: coils, devices, etc. 12/11/2008
 3. Coarctation: angioplasty, stents (bare, covered). 12/12/2008
 4. Percutaneous pulmonary valve implantation: The Edwards Sapien THV. 12/12/2008
 5. Patients S/P Mustard & Senning: Interventional Therapy. 12/12/2008
 6. Heart failure monitoring devices. 12/12/2008
 7. How to work with the industry. 12/12/2008
 8. Starting your career: how to negotiate your contract in the pediatric world. 12/12/2008
- 2009 Guest Faculty: The 20th Scientific Session of the Saudi Heart Association & The 5th International Cardiac Congress of Saud Al-Babtain Cardiac Centre. January 12-15, 2009, Dammam, Saudi Arabia
 Lectures:
 1. Intracardiac echocardiography for cardiac interventions. Jan 12th.
 2. Percutaneous pulmonary valve implantation. Jan 13th
 3. Device closure of atrial septal defects. Jan 13th
- Live case operator: ASD closure, Jan 13th.
- 2009 Guest faculty: Cardiology 2009, 12th Annual meeting. Atlantis, Paradise Island, Bahamas, Feb 4-8, 2009
 Speaker:

1. Erosions after device closure of ASDs: What does the data tell us and how can we avoid them, Feb 6th
 2. Complex case presentation: Coarctation of the aorta, Feb 7th.
 3. Complex case presentation: ASD and heart block, Feb 7th, 2009
- 2009 Guest faculty: Joint Interventional Meeting "JIM", February 12-14th, 2009, Rome-Italy.
 Lecture: PFO Closure: Technique . Feb 13th, 2009
 Commentator: Live Cases from Milan. Feb 13th
- 2009 Guest Faculty: Cardio Egypt 2009, Egyptian Society of Cardiology 36th Annual Meeting, February 24-28, 2009, Sharm El Sheikh, Egypt
 Lecture: Should We Close Every VSD? Feb 24, 2009
 Lecture: Transcatheter Pulmonary Valve Replacement: Indications, Techniques and Results, Feb 25, 2009
 Chairperson: Adult Congenital Heart Disease Session, Feb 25, 2009
- 2009 Guest faculty: China Interventional Therapeutics (CIT) 2009, March 18-22, 2009, Beijing International Convention Center, China
- Lectures:
1. Evidence based medicine: clinical studies in ASD closure. March 20, 2009
 2. Percutaneous Pulmonary valve implantation: state of the art. March 21, 2009
- Live case operator: ASD closure from Fu Wai Hospital, March 21st, 2009.
- 2009 Guest faculty: 5th Continent International Symposium on Cardiovascular Diseases, Beijing-China, April 16-18th, 2009.
 Lecture: Interventional Therapies of Congenital Heart Disease-April 18th, 2009.
- 2009 Guest Faculty: 14th Summit TCT Asia Pacific, April 22-24, 2009:
 4/23/09
 Interviewee: Summit Live Interview 2009
 Panelist: Intervention in Adult Congenital Heart Disease
 Valvular Heart Disease & PFO
 Moderator: (Endovascular Arena) Intensive Live Case Session
 Lectures: Coarctation of the aorta in the adult patient: State of the art management
 Percutaneous pulmonary valve implantation: Indications, techniques and outcome
 ASD Device Closure: Erosions –Do we really have to worry? How to minimize erosions?
- 2009 Guest faculty: 1st Cardiobiotech Conference, Monastir-Tunisia, April 24-25th, 2009
 Lectures:
 Periventricular VSD closure. April 25th, 2009
 PFO Closure: Where are we with randomized trials. April 25th, 2009
 History of ASD device closure. April 25th, 2009
 ICE guidance of ASD closure-Complex cases. April 25th, 2009
 Percutaneous pulmonary valve implantation. April 25th, 2009
 Aortic coarctation management. April 25th, 2009.
- 2009 Faculty at the 32nd Annual Scientific Sessions of the SCAI, Las Vegas, May 6-9, 2009.
 1. Lecture: Common Congenital Heart Disease in the Adult: Physiology-May 6th, 2009
 2. Lecture: WL Gore Satellite Symposium, PFO & Stroke, May 7th, 2009.
 3. Moderator: Live Cases from Germany, May 8th, 2009

4. Moderator: FDA Panel Discussion with SHD, May 9th, 2009.
- 2009 Guest Faculty, 18th Annual Peripheral Angioplasty and All That Jazz. New Orleans, LA, May 20-22, 2009.
1. Lecture: ASD/PFO Closure, May 20, 2009
 2. Panelist: Structural and Valvular Heart Disease Session, Question&Answer, May 20, 2009
- 2009 Guest faculty at 16th National Annual Meeting of Interventional Cardiology, Antalya-Turkey, May 26-29th, 2009.
- Lecture: Atrial Septal Defect Closure: Tecnical tips/tricks.
- Live Case Operator: CLOsure of an ASD with the Amplatzer device
- 2009 Guest speaker The 11th Moscow International Course on Endovascular Surgery of Congenital and Acquired Heart Disease, coronary and vascular pathology. June 1-3, 2009, Moscow-Russia
- Lectures:
1. Percutaneousl Pulmonary valve implantation: Indiations, results.
 2. ASD device closure: technique and long-term outcome
- Guest Operator Live Case: Coarctation stent
- 2009 13th PICS & AICS, & The 5th World Congress of Pediatric Cardiology & Cardiac Surgery, Cairns, Australia, June 21-26th, 2009.
1. Course Director-PICS-AICS
 2. Moderator morning sessions: June 21 & 22nd.Comprehensive
 3. Speaker: Transcatheter pulmonary valve implantation, The Edwards Sapien THV, June 21st, 2009
 4. Speaker: Advanced ICE imaging, June 22nd, 2009
 5. Speaker: Optimizing your cath lab, June 25th, 2009
- Operator Live Cases: From Royal Children's Hospital, Melbourne, Australia, June 23rd, 2009.
- 2009 Guest Lecture: Device closure of ASD & PFO: State of the art. Tor Vergata Study University, Roma-Italy, July 8th, 2009.
- 2009 Guest Faculty: Congenital & Structural Interventions (CSI), July 9-11, 2009, Frankfurt, Germany.
- Lectures:
1. Complications in VSD closure. July 9th, 2009
 2. Step-by-step closure of muscular VSD's. June 9th, 2009
 3. The Occlutech LAA closure device. July 9th, 2009
 4. PFO closure devices in daily use-The Occlutech device. July 9th, 2009
 5. Early experience with the Edwards Sapien THV. July 10th, 2009
 6. Stenting of the pulmonary arteries-equipment selection. July 11th, 2009
- Moderator: Evening session-PFO closure devices in daily practice-advantages/disadvantages. July 9th, 2009.
- Operator Live case: July 9th, 2009. ICE evaluation of a large secundum ASD.
- 2009 Guest Lecture: Percutaneous pulmonary valve implantation using the Edwards Sapien THV. The Royal Brompton Hospital, London, UK July 13th, 2009.

- 2009 Guest faculty: Tips & Tricks in Complex Interventional Cardiovascular Therapy (CICT), July 31-August 1, 2009, Napa Valley.
Lectures:
1. ASD device closure-August 1st, 2009
2. A primer in ICE-August 1st, 2009
- 2009 Lecture: Update on Interventional Cardiac Therapies for Congenital & Structural heart Disease. Cook Corporation, Bloomington, IN, August 21, 2009.
- 2009 Guest faculty: 16th Annual Cardiology Fiesta, San Antonio, Texas, September 2-4, 2009.
Lecture: Percutaneous Pulmonary valve implantation.
- 2009 Guest faculty: TCT2009, September 21-25, 2009, San Francisco, CA
Lectures:
1. The HELEX Device for PFO Closure: Device Description and Two Case Presentations (One Great Success, One Failure/Complication)
2. Clinical Evaluation of an ASD: Who Should Go to the Cath Lab?
3. Device Retrieval Techniques: What I Did or Should Have Done
4. Transhepatic Access: Indications, Risks and Technique
5. PFO: ***Tunnel Morphology: Why It's Important, Again***
6. Clinical Follow-up from the COMPASSION Edwards Sapien Pulmonary Valve Implantation Clinical Trial
7. ASD and VSD Closure with the Amplatzer and Cardioseal: Results, Complications, and Room for Improvement
- Moderator:
9/21/09
1. Interventional Therapies for Congenital Heart Disease and Structural Defects: A Case-Based Seminar
- 9/23/09
1. Septal Occluders, Plugs and Left Atrial Appendage Closure
2. Endovascular, Congenital Heart Disease, Valvular Heart Disease, and CT/MR/PET Guidelines
- Live Case Operator:
9/25/09
Three Cases: Two to Endovascular/Structural Arena and one to Main Arena
- 2009 Guest speaker: Workshop: Atrial Septal defect Closure Course: Cedar Sinai Medical Center, Los Angeles, October 8-9th, 2009.
Lectures:
1. Clinical Data Review of ASD closure with Helex.
2. Gore REDUCE clinical study Overview
3. ICE and imaging considerations
4. Balloon sizing with Helex device
- Live case:
ASD closure with Helex.
- 2009 Guest faculty: AHA Scientific Sessions 2009, November 14-18, 2009, Orlando, FL
Lecture: Percutaneous pulmonary valve implantation: The Medtronic melody and Edwards Sapien Global Experience. November 14th, 2009.

- 2009 SCAI Fall Fellows Course: Pediatric & Congenital/Structural Interventional Cardiology Fellows Course-Director, Las Vegas, NV, December 7-9, 2009
- Lectures:
1. Welcome-Course Overview 12/7/2009
 2. Vascular access, including transhepatic & vessel closure.12/7/2009
 3. The art of angiography: diagnostic needs; interventional projections, locations, etc.12/7/2009
 - 4. The atrial septum:** Opening the septum: Balloon septostomy, blade, dilation. 12/8/2009
 5. Pulmonary valve implantation: indications, evaluation and technical aspects using the Edwards Sapien valve. 12/8/2009
 6. Closure of ASDs using Helex devices.12/8/2009
 7. The adult with CHD: Assessment & therapeutic procedures: Classifications of diseases that can present as adult. 12/9/2009
 8. Final Remarks. 12/9/2009
- Chair: Gore Structural Heart Disease/Stroke Symposium @ the SCAI Fall Fellows Course, Las Vegas, NV, December 6-7, 2009
- 2010 Occlutech 2010 Sales Meeting, Istanbul-Turkey, January 14-15th, 2010.
- Lectures:
1. Key trends in structural heart disease
 2. ASD Occlusion: State of the art
 3. Imaging for ASD/PFOI closure: ICE vs TEE
- 2010 Guest faculty: The 21st Scientific Conference of the Saudi Heart Association, Riyadh, Saudi Arabia, February 8-11, 2010.
- Lectures:
1. Status of VSD closure, Feb 9th, 2010.
 2. Coarctation stenting: Indications, techniques and outcome, Feb 9th, 2010
 3. Percutaneous pulmonary valve implantation using the edwards valve, Feb 9th, 2010
- 2010 Guerst faculty JIM "Joint Interventional meeting", Rome-Italy, Feb 11-13, 2010
- Chair: Percutaneous Valve 2. Feb 12th, 2010
- 2010 Faculty: Adult Interventional Cardiology Fellows Course-Asia, New Delhi, Feb 24-25, 2010.
- Lectures:
- 1.ABCs of Radiation Safety, Feb 25th, 2010
 2. patent foramen Ovale and atrial septal defect-indications for closure and results of clinical trials. Feb 25th, 2010
- 2010 Faculty: India Live, New Delhi, February 26-28th, 2010
- Lectures:
1. Advanced ICE applications. Feb 28th, 2010
 2. ASD-PDA closure: Long-terem results. Should we continue doing what we are doing. Feb 2010.
 3. Non Surgical interventions for congenital heart disease. Feb 28th, 2010
- 2010 Guest Faculty: Interventional Cardiology 2010-25th Annual Interventional Symposium, Snomass Village, Colorado, March 7-12, 2010.
- Lectures:
- 1.Closure of PFO: Technical tips and why choose one device over the other? March 7th, 2010

2. What the adult cardiologist needs to know about ASDs before attempting to close them. March 8th, 2010

- 2010 Guest Faculty: 59th Annual Scientific Sessions of the American College of Cardiology, March 14-16, 2010, Atlanta
1. Lectures:
Saturday, 3/13/2010, Integrated Imaging of Cardiovascular Interventions: Echocardiography of Device VSD Closure.
Saturday, 3/13/2010, Focus on Middle East: Interventional Therapies for Adults with Congenital Heart Disease.
Monday, 3/15/2010, Interventional fundamentals: Fellows tracks-Structural. **ASD, PFO and VSD interventions.**
 2. Co-Chair:
Monday, 3/15/2010, 12:15-1:45 PM: Meet The Expert: Patients with Structural Heart Disease Case Reviews
Monday, 3/15/2010, 4:30-6:00 PM, Interventional fundamentals: Fellows tracks-Structural.
- 2010 Guest faculty Gulf Heart Association meeting, Doha-Qatar, April 8-10, 2010
- Lectures:
1. Transcatheter pulmonary valve replacement. April 9th, 2010
 2. Coarctation of the aorta in adult patients: how to manage such patients. April 9th, 2010
- 2010 Guest Faculty, 19th Annual Peripheral Angioplasty and All That Jazz. New Orleans, LA, April 21-23, 2010.
- Lecture:
1. ASD/PFO Closure, April 21st, 2010.
 2. Moderator: Structural Heart Disease Session, April 21, 2010.
- 2010 Guest Faculty, 15th Angioplasty Summit TCTAP, Seoul, Korea, April 28-30, 2010
1. Interviewee, Summit Live Interview, April 29, 2010
 2. Panelist, Valvular Heart disease, PFO and LAA Closure, April 29, 2010
 3. Lecturer, Update on PC Pulmonary Valve Implantation, April 29, 2010
 4. Moderator, Intensive Live Case Session 5, April 29, 2010
 5. Lecturer, Keynote Lecture of Hybrid Procedure Re-Introducing Hybrid Cath Lab, April 29, 2010
 7. Panelist, Hybrid Procedures in CHD, April 29, 2010
 8. Lecturer, Device Closure of Ventricular Septal Defect s: Indications and Technical Considerations, April 29, 2010
- 2010 Guest Faculty: 33rd Annual Scientific sessions of SCAI, May 5-8, 2010, San Diego, CA
1. May 6th, 6:30-7:45 AM, Breakfast Symposium, **Panelist: EVEREST II: The Science and Evidence.** Sapphire A
 2. May 7th, 9:20 AM: 20 minutes: **Lecture:** When devices fail: Pulmonary valve stent (Edwards valve).
 3. May 7th, 1:00-3:00 PM: **Co-Chair:** PFO & LA Appendage closure
- 2010 Guest faculty: III Russian Congress and XII Moscow's International Course on Endovascular Surgery of Congenital and Acquired Heart Disease, Coronary and Vascular Pathology, Moscow, Russia, June 6-9, 2010.
- Lectures:
1. Coarctation of the aorta: stenting: technique and outcome

2. Endovascular treatment of VSD
3. Transcatheter pulmonary valve implantation: Sapien valve

Live Case Operation: Bifurcation stenting of PA's.

- 2010 Guest faculty: The 3rd Congress of Asia Pacific Pediatric Cardiology Society, Tokyo-Japan, July 4-7th, 2010.
Lectures:
1. Global Interventional Cardiology for Congenital and Structural Heart Disease: Mission of Pediatric Cardiologists in 2010. July 5th, 2010
 2. Percutaneous Pulmonary Valve Implantation, July 6th, 2010
 3. Use of Intracardiac Echocardiography in CHD, July 6th, 2010
- 2010 Guest Faculty: CSI “Catheter Interventions in Congenital & Structural Heart Disease”, Frankfurt, Germany, July 8-10, 2010
Lectures:
1. Devices for Left Atrial Appendage Closure: The Occlutech device, July 8th, 2010
 2. How to get and manage trans-apical access: Just do it-and have coils and plugs ready, July 8th, 2010
 3. Aortic & Pulmonic valve implantation with the Edwards Sapien XT and Sapien pulmonic valves, July 8th, 2010
 4. ASD closure devices around the world-The Occlutech device, July 9th, 2010.
- Chairperson:
How to get and manage trans-apical access: Just do it-and have coils and plugs ready, July 8th, 2010
- 2010 Fourteenth Annual Pediatric and Adult Interventional Therapies for Congenital and Valvular Heart Disease (PICS 2010), Chicago, IL July 17-21, 2010
1. Course Director
 2. Lecture: ICE for SHD Interventions: Indications, Advantages and Disadvantages. Imaging Overview-Modalities and How to Choose and Which One to Use. 7/17/10
 3. Moderator: Breakout Session –Complex Congenital Interventions, 7/17/10
 4. Moderator: Morning Session, 7/19/10
 4. Lecture: Experience with the Edwards Sapien Valve, 7/21/10
 5. Closing Remarks, 7/21/10
- Operator Live Cases: From Rush University Medical Center, Chicago, IL
July 20, 2010
- 2010 Lecture: Congenital & Structural Heart Interventions. Edwards Lifesciences, July 29th, 2010.
- 2010 Guest faculty: Complex Interventional Cardiovascular Therapy (CICT), San Francisco, July 30-31, 2010.
Lecture: Coarctation of the aorta in adults. July 31st, 2010
Chair: Structural heart Disease Interventions, July 31st, 2010
- 2010 Panelist: ProEducar SOLACI Course for Fellows: Contrast induced nephropathy and future of fellowship training. 8/10
- 2010 Guest Faculty: XVI Congreso SOLACI & XX Congreso CACI, August 11-13th, 2010, Buenos Aires, Argentina.
Lectures:
1. Experience with Edwards Sapien Pulmonary Valve. 8/12

2. Percutaneous closure of atrial septal defects: historical perspectives, current situation and future directions. 8/12
- Live Case Operator:
1. Trans-apical para mitral valve leak closure with AVP-III. 8/11
 2. Transcatheter closure of multifenestrated ASD with Amplatzer fenestrated device. 8/12
- 2010
- Guest Faculty: International Symposium on the Hybrid Approach to Congenital Heart Disease (ISHAC), August 31-September 2, 2010, Columbus, OH
- Instructor:
- Skills Workshop*@University Laboratory Animal Resources (ULAR) Experimental Surgical Suites, 8/31/10
- Moderator:
1. Hypoplastic Left Heart Syndrome, 9/1/10
 2. Top Abstract Presenters, 9/2/10
- Lecture:
1. Periventricular MVSD Closure – Catheter Based, 9/1/10
 2. Current Therapy with Aortic Valves, 9/2/10
- 2010
- Guest faculty: Tips and Tricks in Congenital and Structural Interventions, Second edition. September 16-18th, 2010, Rome-Italy:
- Lectures:
1. Aortic coarctations in neonates/infants: Cath or Surgery. September 16th.
 2. Percutaneous pulmonary valve implantation-The Edwards valve. September 17th
- Moderator:
- Neonates and young children: the debated issues. September 16th.
- 2010
- Faculty & Associate Director, TCT, 2010. Washington, DC, September 20-25th, 2010.
1. PFO Summit 2010. Washington, DC, September 20th, 2010. Chair: Care Guidelines, patient evaluation, education, quality of care and cost outcomes analysis.
 2. Moderator: Interventional Therapies for Congenital and Acquired Structural Heart Disease: Beyond PFO: Other Adult Structural Interventions.
 3. Discussant: Interventional Therapies for Congenital and Acquired Structural Heart Disease: Interventions on the “Dark Side” of the Heart
 4. Lecture: The Valvular Heart Disease Summit (Part I): Overview and Aortic Valve Therapies: Final Outcomes from the COMPASSION Edwards Pulmonic Valve U.S. Trial
 5. Lecture: Interventional Therapies for Congenital and Acquired Structural Heart Disease: Pulmonary Insufficiency/Stenosis: The Edwards-Sapien Valve
 6. Operator Live Cases: One case to the endovascular/structural disease theater and one to the main arena.
- 2010
- Guest faculty: Controversies and Advances in the Treatment of Cardiovascular Disease. The 10th in the series. October 7-8, 2010, Beverly Hills, CA.
- Lecture: ASD closure in the elderly-should it be closed?
- 2010
- Course Director: Global Interventional Summit: In collaboration with Turkish Cardiac Society, Istanbul, Turkey, October 22-24th, 2010.
- Role: Director, Moderator and live case operator.

- 2010 Faculty: American Heart Association Scientific Sessions, November 13-17, 2010, Chicago, IL
Speaker: Pulmonary valve Implantation: Case example, November 15th, 2010.
- 2010 Guest Faculty: 10th Annual CardioInterv Course, Curitiba-Brazil, December 3-5, 2010.
Lecture: Transcatheter pulmonary valve implantation: State-of-the art., December 3, 2010.

Discussant: Transcatheter Aortic Valve Implantation “TAVI”, December 3rd, 2010
- 2010 **Course Director, Congenital/Structural Heart Disease:** SCAI 2010 Fall Fellows Courses, December 5-10, 2010, Las Vegas.
- 1. Gore Symposium at the SCAI Fall Fellows Course, December 5-6th, 2010**
A. Chairman
B. Lectures: History of ASD Device Closure, December 6th, 2010
- 1. Lectures fellow courses:**
A. Vascular Access, including transhepatic and vessel closure devices. Dec 6th, 2010.
B. The art of angiography: diagnostic needs, interventional projections, locations, etc. Dec 6th, 2010
C. The atrial septum: opening the septum, balloon septostomy, blade and balloon dilation. Dec 7th, 2010
D. Pulmonary valve implantation: indications, evaluation, and technical aspects using the Edwards Sapien THV. Dec 7th, 2010
E. Closure of ASDs using the Gore Helex device. Dec 7th, 2010.
F. Adult CHD: Classification of diseases that present as adult. Dec 8th, 2010
G. Evaluation & Management of adult CHD: Simple lesions. Dec 8th, 2010
H. Trans-septal puncture techniques, Dec 9th, 2010
I. Aortic and Mitral valvuloplasty: state of the art review and case examples. Dec 9th, 2010.
- 2011 Faculty 15th Annual Update on Pediatric and Congenital Cardiovascular Disease, Feb 2-6, 2011, Scottsdale, AZ.
Lectures:
1. Advanced ICE Techniques, Feb 2, 2011
2. Native and Recurrent arch obstruction, Feb 3rd, 2011
3. Debate: ASD device closure in small infants: Pro device, Feb 5th, 2011
- 2011 Faculty Joint Interventional Meeting “JIM” 2011, Rome, Italy, February 10-12, 2011.
Commentator: Main Hall Live Cases from Bonn, Germany, February 10, 2011
Lecture: Indications, techniques and results of PFO Closure 2011, February 11, 2011
- 2011 Guest faculty: IV Russian Congress of Interventional Cardioangiography, Moscow, Russia, March 21-23rd, 2011.
Lectures:
1. Interventional procedures in Pediatric Cardiology, March 22nd, 2011
2. SCAI Session: March 23rd, 2011:
- Chair of Session:
1. Lectures: ASD closure in the elderly: hemodynamic considerations/techniques and outcome
2. Coarctation Stenting: indications, techniques and outcome.
- 2011 Guest faculty & Program Committee of 12 Summit: 60th Annual Scientific Sessions of the American College of Cardiology, March 31-April 4th, 2011, New Orleans, LA

Lectures:

1. Technique and Results of Sapien Valve. Monday, 4/4/11.
2. Bringing New Devices to the Patient in the United States, 4/4/11.

CoChair:

- i2 Summit: Adult Congenital Heart Disease: Hemodynamics and Intervention Session, 4/4/11
i2 Summit: Transcatheter pulmonary valve Implantation, 4/4/11

Live Case Panelist

Monday, 4/4/11, **2:00-3:30 PM**: Session: Live Case Session II: Adult Congenital (Duke University)

2011 Co-director and faculty: Global Summit in Interventions & Innovations. Sao Paulo, Brazil, April 13-15, 2011.

Date: **Wednesday, April 13, 2011**

Chairman: **Congenital & Structural Interventional Session**

Lecture: **PFO: Update on Clinical trials.**

Date: **Thursday, April 14, 2011**

Lecture: **What went wrong with Mist and Closure I**

Lecture: **Edwards Symposium. Perspectives in Transcatheter Valve Replacement:**
Transcatheter Pulmonary valve therapy: status update & future expectations

Lecture: **Interventional Adult Congenital and Structural Therapies: The next frontier?**

Panelist: Live Cases

Date: **Friday, April 15, 2011**

Participation: **Operator**

Activity: **Live cases (Session 3):** Transcather closure of ASD with the new flex Occlutech device

Operators: Carlos Pedra, Simone Pedra, **Ziyad Hijazi**

Lecture: **Is it worth taking the risk of CHB after transcatheter closure of PM VSDs?**

2011 Faculty: Gore Innovator Forum, Scottsdale, AZ, April 17-19, 2011
Lectures:

1. Historical perspectives ASD device Closure, April 18th, 2011
2. Update on Clinical trials of PFO Closure, April 19th, 2011

2011 Guest faculty: 18th Asian Pacific Congress of Cardiology, Kuala Lumpur, Malaysia, May 5-8, 2011.

Lectures:

1. Current status of percutaneous pulmonary valve implantation in CHD.
2. Hybrid Intervention-Assessment of muscular VSD and device selection
3. Pulmonary artery stenting in the hybrid lab

Live Case Operator:

1. Hybrid closure of muscular VSD
2. Percutaneous closure of residual VSD post tetralogy repair.

2011 Guest Faculty XIII Moscow's International Course On Endovascular Surgery, Congenital and Acquired Heart Disease, Coronary and Vascular Pathology, May 30-June 1st, 2011, Moscow, Russia.

Lectures:

1. State of the art treatment of CHD, May 30th.
2. Transcatheter pulmonary Edwards-Sapien valve implantation: indications, techniques and results, May 30th
3. Transcatheter ASD closure: hemodynamic and technical challenges in the elderly, May 31st.

Operations:

1. Bifurcation pulmonary artery stenting-Kissing technique, May 30th
2. SVC obstruction post surgery-Stent implantation, May 31st.

2011 Guest Faculty 18th International Conference on Cardiology & 12th Invasive Cardiology Workshop, June 2-4, 2011, Zabrze, Poland.

Lecture:

Transcatheter Pulmonary valve Implantation: Interim results of the COMPASSION US Clinical trial, June 3rd, 2011.

2011 Visiting Professor: NYU Hospital: Update on Interventional Therapies in Pediatric Cardiology, June 21st, 2011, New York, NY.

2011 15th Pediatric and Adult Interventional Cardiac Symposium (PICS/AICS), Boston, MA, July 24th-27th, 2011

1. Course Director
2. Comprehensive Workshop on PFO/ASD Closure, Moderator, July 23, 2011
3. Moderator Morning Session, July 25, 2011
4. Moderator Morning Session, July 26, 2011
5. Guest Operator for Live cases from Floating Hospital of Tufts Medical Center, July 26th.
6. Closing Remarks –Pediatric Session, July 26, 2011

2011 Guest Faculty: Tips and Tricks in Complex Interventional Cardiovascular Therapy (CICT), San Francisco, CA, July 29-30, 2011

Lectures:

1. Catheter based pulmonary valve replacement: indications, devices, and technique (case-based lecture).
2. Aortic Coarctation Intervention: Balloon angioplasty should be the standard of care (Sievert) vs: Covered stents should be the standard of care (case based lecture): Hijazi

2011 Guest Faculty: SOLACI 11, Santiago, Chile, August 3-5th, 2011

Lectures:

1. New Interventions in ICE-guided structural cardiopathies. August 3rd, 2011

2. VSD Percutaneous Closure, August 3rd, 2011
 3. Transcatheter pulmonary valve implantation: Keynote lecture 8/4/2011
- Panelists:
1. Live cases: Congenital heart Disease.
- 2011 Visiting professor: NYU Medical center, The Leon H. Charney Division of Cardiology. Grand rounds: Advances in Interventional therapies for congenital & Structural heart disease. New York City, NY, September 23rd, 2011.
- 2011 Six months COMPASSION clinical trial outcome. Presented at: Edwards Sapien Pulmonic THV Excellence Club-experienced implanters meeting-September 26th, 2011, Nyon, Switzerland.
- 2011 Gore Atrial Septal Defect Closure Course, Chicago, October 20-21, 2011.
- Lectures:
1. Physician's perspective on ASD closure.
 2. Gore reduce clinical trial
 3. Imaging considerations.
- Animal Workshop: October 21st, 2011.
- 2011 Guest Speaker: 7th Annual Meeting of Kentucky Chapter of the American College of Cardiology. Lexington, KY, October 22nd, 2011.
- Surgical vs Transcatheter approach in the treatment of cardiac valve regurgitation: Pulmonary regurgitation.
- 2011 Guest Faculty: 20th Peripheral Angioplasty and All That Jazz, New Orleans, LA, October 31-November 2nd, 2011
- Lectures:
1. Care of the Adult with Congenital Heart Disease: State of the Nation, October 31st, 2011.
 2. Simple Congenital Heart Lesions: Atrial Septal Defect (ASD), Ventricular Septal Defect (VSD), Patent Foramen Ovale (PFO), Patent Ductus Arteriosus (PDA), October 31st, 2011
 3. Case presentation: Device retrieval, October 31st, 2011.
 4. Catheter Treatment of Paravalvular Leaks: Devices, Techniques and Results, October 31st, 2011
 5. Percutaneous ASD Closure: Indications, Technique and Results, November 1st, 2011
 6. Interesting ASD and PFO Case presentation, November 1, 2011.
- 2011 Lecture: Aortic valve therapies: Munster, IN, November 2, 2011.
- 2011 Online Lecture: Past, present, Future of ASD and PFO closure. University of Buenos Aires, via Skype, Nov 3rd, 2011.
- 2011 Guest faculty: Transcatheter Cardiovascular Therapeutics (TCT), San Francisco, CA November 7th-11th, 2011.
- Lectures:
1. Indications for ASD Closure and Long-term Outcomes.
 2. Mini-Lecture: Device Selection and Tips and Tricks for ASD Closure

3. Coronary arteriovenous fistulas: Case presentations.

Moderator: **PFO and ASD Closure: Evolving Indications, Patient Selection, Devices, and Technique**

Discussant: ASD's in Adult Patients

Live Case Operator: November 10th, 2011. Transmitted 2 live cases.

2011 Guest Faculty Cardio Interv 2011, 11th Symposio Internacional De Cardiologia Intervencionista. Nov 25-26th, 2011, Curitiba-Brazil

1. Lectrue: Management of coronary arteriovenous fistulas.

Live Cases: 1. Amplatzer Cardiac Plug to close LAA

Live case 2: Closure of coronary arteriovenous fistula.

2011 **Course Director, Congenital/Structural Heart Disease:** SCAI 2011 Fall Fellows Courses, December 4-9, 2011, Las Vegas.

1. Gore Symposium at the SCAI Fall Fellows Course, December 4-5th, 2011

Chairman

Lectures: History of ASD Device Closure, December 4th, 2011

2. Lectures Fellow Courses:

1. Vascular Access, including transhepatic and vessel closure devices. Dec 5th, 2011.

2. The atrial septum: opening the septum, balloon septostomy, blade and balloon dilation. Dec 6th, 2011

3. Closure of ASDs using Helex devices. Dec 6th, 2011

4. ICE Monitoring for ASD's/PFO's. Dec 6th, 2011

5. Periventricular closure of VSD. Dec 6th, 2011

2012 Speaker, Occlutech Annual Sales Meeting, Rome-Italy, January 16, 2012.

Lectures:

1. PDA closure-technical considerations.

2. Occlutech-Figulla PDA Occluder

3. Structural heart disease interventions: Aortic valve, Mitral valve and LAA.

2012 Guest faculty, Saudi Heart Association Annual meeting, Riyadh-KSA, January 27-30th, 2012.

Lecture: Interventional Management of Adults with Coarctation of the Aorta. January 28th, 2012.

2012 Guest faculty: JIM 2012, Rome, Italy, February 8-11, 2012.

Lecture: PFO closure, Feb 10th

Commentator: Live cases from Bonn, Germany, Feb 9th.

Chairman: Solutions for paravalvar leaks, Feb 11th.

2012 Guest faculty: Cardiology 2012, Orlando, FL Feb 22-26th, 2012.

Lectures:

1. Evolving strategies in Transcatheter pulmonary valve replacement.
 2. The Adult in Children's hospital: Interventionalist perspectives.
- 2012 Visiting Professor: University of Colorado, March 9th, 2012. Grand Rounds: Interventional Therapies in Adults with Congenital heart Disease, Denver, CO
- 2012 Visiting Professor, Baylor College of Medicine, the Charles E. Mullins Interventional Lecture Series. The Uses of the Edward Sapien THV in Congenital heart Disease, Houston, Texas, March 16th, 2012.
- 2012 Faculty, 61st Annual Scientific Sessions of the American College of Cardiology (ACC) and i2, March 24-27, 2012, Chicago, IL
1. Outcomes of Sapien Valve Implantation in the RVOT. March 25th.
 2. Results Post Infarct VSD Closure. March 26th
 3. ASD device closure. March 26th
- Chair: Non-Coronary Complications Case Reviews, March 26th.
 Panelists: Anatomy and transcatheter Therapy for the structural heart interventionalist: LAA, PFO, ASD and transapical puncture with remote demonstration from Seattle Science Foundation. March 26th.
- 2012 Faculty The 4th Congress of Asia-Pacific Pediatric Cardiac Society. April 4-7, 2012, Taipei-Taiwan.
- Live Case Operator-April 4th
 Lectures:
1. Pericardial Closure of muscular VSD, April 4th
 2. Debate: Hybrid Intervention for HLHS. April 6th.
 3. Percutaneous pulmonary valve implantation with Sapien valve. April 6th.
- 2012 Course Director, 16th Pediatric and Adult Interventional Cardiac Symposium (PICS/AICS), Chicago, IL, April 15-18, 2012
1. Moderator Morning Session, April 16, 2012
 2. Moderator Breakout Session, Transcatheter Aortic Valve Replacement, April 16, 2012
 3. Lecture: Defining Competencies for TAVR, April 16, 2012
 4. Operator for Live cases from Rush University Medical Center, April 17th
 5. Moderator Breakout Session, The Heart Brain Symposium & PFO Summit, April 17th
 6. Moderator Roundtable Discussions, April 18th
 7. Closing Remarks, April 18th

- 2012 Invited Faculty of the 18th Angioplasty Summit-TCTAP 2012, Seoul, Korea, April 25-27, 2012
Lectures:
1. ASD Closure: Erosions! April 26th
 2. Percutaneous Pulmonary valve implantation: Indications, technique and outcome. April 26th.
 3. Moderator: Structural heart Disease Symposium. April 26th.
 4. Panelists, live case operation, April 26th.
- 2012 Guest faculty: Concepts in Contemporary Cardiovascular Medicine. Houston, Texas, May 1-3, 2012.
1. Lecture: New PFO Closure Devices. May 2nd.
 2. Moderator: Structural Heart Disease Sessions: May 2nd.
 3. Panelist: Live cases: ASD Closure and TAVR.
- 2012 Guest faculty: SCAI 2012, Las Vegas, NV, May 9-12, 2012.
Lectures:
1. Common Congenital Heart Disease Lesions and Physiology for the Adult Interventionalist, May 9th.
 2. Evaluation and Indications for ASD Closure. May 11.
 3. Transcatheter Heart Valves for Children, May 11.
 4. ASD Closure: Closing Large Defects, May 11.
- Moderator:
New Gadgets and Technology. May 11th.
- 2012 Presentation to: FDA Circulatory System Devices panel on: Transcatheter ASD Occluders: Clinical update and review of events. Gaithersburg, MD, May 24th, 2012. Representative of the SCAI.
- 2012 **Investigators Meeting:** Randomized Clinical Trial of ASD Closure using the Amplatzer Septal occluder vs Occlutech device, Paris, France, June 1st, 2012.
Lectures:
1. DSMB Role
 2. ASD closure: Indications, technique and outcome.
- 2012 **Guest faculty:** Cardio Alex 12, Alexandria, Egypt, June 5-8, 2012.
Lectures:
1. Coarctation Stenting in the adult patients: technique and outcome. June 5th
 2. Trans-catheter pulmonary valve replacement. June 5th
 3. ICE: Technique for ASD closure. June 5th.
 4. ASD Closure in the elderly: What you need to know. June 6th.
- 2012 **Guest Speaker:** Evening of Clinical Discussion: Study Evaluating PFO Closure and Cryptogenic Stroke. Hosted by WL Gore and Associates, June 11, 2012, Chicago, IL
- 2012 **Guest faculty:** 11th Jordan Cardiac Society Meeting, Amman-Jordan, June 19-22nd.

- Lectures:
1. Coarctation of the aorta: Stenting techniques and outcome
 2. Percutaneous Pulmonary valve Implantation: Indications, techniques and outcome
 3. ASD device closure: Indications, techniques and outcome.
- 2012 Guest faculty: CSI Congenital & Structural Interventions, Frankfurt, June 27-30, 2012.
- Lectures:
1. Intracardiac echocardiographic guidance of Septal procedures. June 28th
 2. Intracardiac echocardiographic guidance of Pulmonary valve implantation. June 28th
 3. Preclinical results of the Colibri pulmonary valve. June 28th
 4. How to facilitate access in pediatric patients-transhepatic access. June 28th
 5. ASD Closure: concerns regarding erosions. June 29th
 6. How to do percutaneous transapical and transthoracic access: How and where to puncture. June 29th
 7. New aortic valves: Colibri. June 30th
 8. New devices in intracardiac shunt lesions: Occlutech paravalvular leak device. June 30th
- 2012 Guest faculty 6th Annula CICT, San Francisco, CA, July 27-28th, 2012.
- Lectures:
1. The MitraClip: patient selection and technique: what have we learned so far?
 2. Catheter based pulmonary valve replacement: indications, devices and techniques.
- Panelist: Catheter based mitral and pulmonary valve repair/replacement.
- 2012 GUEST FACULTY: Tips and Tricks in Congenital and structural Interventions, 3rd Edition. Milan, Italy, Sept 13-14, 2012.
- Lectures:
1. Closure of Swiss cheese VSD.
 2. Closure of post infarct VSD
 3. Percutaneous pulmonary valve implantation.
- 2012 Moderator, 36th Annual Midwest Pediatric Cardiology Society Scientific Sessions, Milwaukee, WI, September 28, 2012
- 2012 Faculty member: Madrid TEAM, October 3-5th, 2012, Madrid-Spain.
Live Case Operator
- 2012 Guest Faculty, Scientific Committee and Associate Director, TCT 2012, Miami, FL, October 22-25, 2012:
1. Lecture: ASD Closure: Current techniques, avoiding erosions and role of surgery. October 22, 2012.
 2. Moderator: ASD & PFO session, October 22, 2012.

Moderator: Complex cases in congenital interventions: October 24th, 2012.

3. Live Case Operator: October 25th, 2012. Transmitted 3 live cases (one to Main Arena and two to Structural Theater).

2012 Visiting Professor: University of Miami Holz Children's Hospital, October 23rd, 2012. Lecture: Pulmonary valve insufficiency: evaluation and management.

2012 The Max Robbin Memorial Lecture and Teaching Day: Columbia University Medical Center, November 16th, 2012.

Lectures:

1. Therapeutic options for adults with congenital heart disease.
2. Pulmonary regurgitation and catheter management.

2012 Guest Faculty: Cardio Interv 2012. Brazil

Live Case Operator: 11/30/2012

Lecture: Left atrial appendage closure, Decemebr 1st, 2012.

2012 **Course Director, Congenital/Structural Heart Disease:** SCAI 2012 Fall Fellows Courses, December 5-8, 2012, Las Vegas.

Lectures Fellow Courses:

1. Vascular Access, including transhepatic and vessel closure devices. Dec 5th, 2012.
2. The atrial septum: opening the septum, balloon septostomy, blade and balloon dilation. Dec 5th, 2012
3. Clinical outcome of ASD closure using the Gore Helex device. Dec 5th, 2012
4. Closure of ASDs using the Gore Helex device. Dec 6th, 2012.
5. ICE monitoring for ASD/PFO closure. Dec 6th, 2012.
6. Transcatheter closure of muscular and perimembranous VSD. Dec 6th, 2012.
7. ASD basics: Indications and outcome. Dec 7th, 2012.
8. Getting out of trouble: Embolized ASD devices and retrieval. Dec 7th, 2012
9. Device closure of ASDs and PFOs: considerations, technical tips and outcome. Dec 8th, 2012.

2013 Course Director, 17th Pediatric and Adult Interventional Cardiac Symposium (PICS/AICS), Miami Beach, FL, January 19-22, 2013

1. Moderator Morning Session, January 20, 2013
2. Debate, Breakout Session –Mitral Valve Interventions, Transapical Approach is the Best Option for Mitral PVL, Debate Pro, January 21, 2013
3. Moderator TAVR Session, January 21, 2013
4. Operator for Live cases from JFK Medical Center, January 22, 2013
5. Moderator Afternoon Session, January 22, 2013
6. Lecture: Hot to Work in the Branch Pulmonary Arteries, January 22, 2013

2013 Invited Faculty, JIM 2013, Rome, Italy, February 14-16, 2013

1. Commentator live cases from Bonn, Germany, 2/14/13
2. Discussant, Structural Heart Disease Session, “After RESPECT (and PC), is PFO Closure Justified to Prevent Strokes?

2013 Invited Faculty, 6th World Congress of Paediatric Cardiology and Cardiac Surgery, February 17-22, 2013, Capetown, South Africa

- 2013 Guest Faculty: CRT 2013, February 23-26, 2013, Washington DC.
Lectures:
1. Pulmonic valve replacement
 2. PFO and ASD closure technical aspects.
- Moderator: Valve and structural heart revolution IV.
- 2013 Faculty, 62nd Annual Scientific Sessions of the American College of Cardiology (ACC) and i2, March 8-11, 2013, San Francisco, CA
1. Panelist: Live Case Session: Live Cases entitled TCT@ACCi2 Live Case Session I: Coronary and Structural Heart Disease Interventions, 3/9/13
 2. Lecture: Device Closure for Ventricular Septal Defects – Patient Selection, Procedural Monitoring and Follow Up, 3/10/13
 3. Lecture: Update on ASD Closure Devices and the FDA, 3/10/13
 4. Co-Chair: Emerging Technologies in Valvular Heart Disease: A Glimpse into the Future for What Might be Expected in Valvular Heart Disease by 2020, 3/11/13
- 2013 Guest Faculty: 9th IPC Workshop & 4th European Meeting on ACHD, Milan, Italy, March 20-23, 2013.
Lectures:
1. "New tools and techniques": Experience with the Colibri Heart Valve
 2. Muscular VSD closure: percutaneous and periventricular
 3. Sapien Edwards valve step by step
- Live Case:**
Perimembranous VSD closure.
- 2013 Guest Faculty: 9th International Congress on Update in Cardiology and Cardiovascular Surgery, Antalya, Turkey, March 21-24, 2013.
Lectures:
1. ASD in Adult Patients: Indications, Technical Aspects and Outcome
 2. Paravalvar Mitral and Aortic Leaks: How Should We Manage in 2013?
 3. TAVR: Managing Vascular Access
- 2013 Guest Faculty Concepts in Contemporary Cardiovascular Medicine, Houston, TX, April 3-5, 2013.
Lecture: What Adult Interventional Cardiologists Need to Know About Congenital Heart Disease.
Panelist: Live cases from Memorial Hermann Hospital.
- 2013 Guest faculty: 7th Five Continent International Symposium on Cardiovascular Diseases. Beijing, April 19-21, 2013.
Lectures:
1. Percutaneous pulmonary valve implantation in CHD.
 2. Percutaneous Stents placement in Children.
- 2013 Guest Faculty: TCTAP 2013, Seoul, Korea, April 24-26, 2013.
Lectures:
1. Case Presentation: PFO

2. Percutaneous pulmonary valve implantation
3. Aortic rim deficiency and erosion after ASD closure: A gossip or fact.

Moderator:

1. Structural heart Disease IV, April 24th, 4:00-4:30 PM
2. New devices, new opportunities and new challenges, April 25th, 6:30-9:00 PM

Panelist:

1. Meet the expert over breakfast, April 24th, 7:00-8:10 AM.
2. Structural heart disease, April 25th, 11:30-12:20.

- 2013 Visiting Professor at University of Mississippi Medical Center, Jackson, MS.
1. Evening symposium: The Helex device for ASD closure: 4/30/2013
 2. Grand rounds: Pulmonary regurgitation: diagnosis and catheter management, 5/1/13
- 2013 The Leon Resnekov Guest Lecturer at the University of Chicago, Chicago, IL, 5/3/13
- Lecture: Interventional Therapies in the Adult with Congenital Heart Disease
- 2013 Guest Faculty: 2013 SCAI Annual Scientific Sessions, Orlando-FL, May 8-11, 2013.
- Lectures:
- 5/8/2013: Lightning Rounds: Sapien Update
- 5/10/2013: The Final Word on ASD Closure: Current Techniques, Avoiding Erosion, and When to Operate
- 5/10/2013: Covered Stents; What's Available
- 5/10/2013: Structural Heart Nightmares & Saves: Best of the Past Year: ASD/PFO/VSD
- 5/9/2013: Panelist:
- ONE YEAR AFTER THE FDA CIRCULATORY DEVICE
- PANEL: WHAT DID IT DO?
- 2013 Faculty, 7th Oriental Congress of Cardiology (OCC), May 24-26th, 2013, Shanghai, China
- Lecture: Transcatheter Pulmonary valve Implantation: Indications and outcome.
- 2013 Guest Faculty, iCi Frankfurt 2013, June 26, 2013 and CSI Frankfurt 2013, June 27-June 29, 2013
- Lecture: ICE for Procedural Monitoring 6/26/13
- Chairperson and Moderator: Imaging in Cardiovascular Interventions, Session on Pulmonary Arteries, June 26, 2013
- Chairperson and Moderator: Congenital and Structural Interventions, Session on The Flow Detection System, A Novel Technique to Detect Cardiac Right to Left Shunts, June 27, 2013
- Chairperson and Moderator: Congenital and Structural Interventions, Session – Master Class: VSD, June 27, 2013
- Lecture: How to Prevent and Manage Complications, June 27, 2013

- 2013 Guest Faculty: CICT 2013, San Francisco, CA, August 2-3, 2013
- Panelist: Catheter-Bases Mitral Valve Repair and Other SHC Interventions, 8/3/13
- Lecture: PFO Closure and Cryptogenic Stroke: Clinical and Technical Decision Making after the PC and RESPECT Trials: What Do We Do Now? 8/3/13
- Panelist: My Worst Complication (Structural and Valvular Interventions), 8/3/13
- 2013 Guest faculty: 4th Asia Pacific Congenital & Structural Heart Intervention Symposium 2013, September 6-8, 2013, Hong Kong.
- #1**
Date: Friday, 6 September 2013
Session Time: 14:00 - 15:30
Session: Live Cases from SCMC, Shanghai (Part I)
- #2**
Date: Friday, 6 September 2013
Session Time: 16:00 - 17:30
Session: Live Cases from SCMC, Shanghai (Part II)
- #3 Lecture**
Date: Saturday, 7 September 2013
Session Time: 14:30 - 14:45
Session: APCASH Distinguished Lecture 2013
Topic: Transcatheter Approach in Management of Congenital Heart Disease- 30 Years of Experience and Future Outlook
- #4 Lecture**
Date: Saturday, 7 September 2013
Session Time: 16:45 - 18:00
Session: i-CON #2 : Tetralogy of Fallot - From Fetus to Adults
Topic: Percutaneous Pulmonary Valve Replacement in TOF: Indications, Technical Considerations and Outcome
Duration: 15 mins
Role: Speaker
- 2013 Guest speaker "Keynote speaker": CIPG 2013 (Cardiovascular Interventions and Practice Guidelines), Davenport, Iowa, October 11th, 2013: Treatment of congenital heart defects: PFO, ASD and PDA.
- 2013 Visiting Professor at Yale University, 10/16/2013:
1. Lecture: Innovative Therapeutic Cardiac Catheterization: The past, Present and Future.
 2. Fellows Case Presentations.
- 2013 Guest faculty & Associate Director, TCT 2013, San Francisco, CA October 27-Nov 1, 2013.
Moderator:
1. PFO Closure: The story so far. October 27th.
 2. State of the art: ASD closure. October 27th.

3. New devices in the pipeline: LAA closure. October 27th
 4. Complex congenital intervention. October 30th.
 5. Live case operator. October 31.
- 2013 Guest faculty: The 4th Emirates Cardiac Society Congress and The 1st Pediatric Cardiology Meeting, The InterContinental Hotel, Dubai, Nov 7-9, 2013.
Lectures:
1. Mitral regurgitation: When is Mitral Clip better than surgery. Nov 7, 2013.
 2. Transcatheter closure of ASD in elderly and in patients with pulmonary hypertension, Nov 8, 2013
 3. Device erosion in atrial septal defect closure: causal or casual?. Nov 8, 2013
 4. Current status of percutaneous pulmonary valve insertion. Nov 8, 2013.
 5. The role of cardiac catheterization in patients with single ventricle. Nov 9, 2013.
- 2013 Guest faculty: Georgia Chapter, American College of Cardiology annual Scientific Session, Ritz-Carlton Lodge, Reynolds Plantation at Lake Oconee, November 22-24, 2013.
Lectures:
1. Interventions in Structural Heart Disease: What is the future? Nov 23.
 2. Interventional Procedures: Complications. Nov 24th.
- 2013 Guest Faculty: CardioInterv 2013, Nov 30-December 1, 2013, Curitiba, Brazil.
1. Lecture: Percutaneous valve therapy for right heart lesions.
 2. Operator: Live case: Coarctation of the aorta
- 2013 Guest Faculty: Excellence in Pediatrics "EIP". Doha, Qatar, December 4-7.
- Lecture: Transcatheter Septal defect closure in children.
- 2013 SCAI Fall Fellows Course, 2013. Las Vegas, NV December 8-11, 2013.
- Lecture: 12/8/2013: **Vascular Access, Including Transhepatic**
- Lecture: 12/8/2013: **The Atrial Septum: Opining the Septum –Balloon Septostomy, Blade and Dilation**
- Lecture: 12/9/2013: **Complications During Device Closure of ASDs**
- Lecture: 12/9/2013: **ICE Monitoring for ASDs/PFOs**
- Lecture: 12/9/2013: **Transcatheter Closure of Muscular and Pm VSD**
- Lecture: 12/10/2013: **Embolized Devices and Retrievals**
- Lecture: 12/11/2013: **Device Closure of ASDs and PFOs: Considerations, Technical Tips and Outcomes**
- 2014 Guest faculty: CIT 2014, Shanghai-China, March 20-23, 2014.

Live Case Operator: Percutaneous Pulmonary valve Implantation from Zhongshan Hospital-Fudan University. March 21, 2014

Lectures: March 21, 2014

1. Venus Pulmonary valve and delivery system
2. Coarctation of the aorta: Optimal treatment strategy
3. Transcatheter pulmonary valve replacement: current valves and experience

2014 Guest Faculty TCT AP, Seoul, Korea April 22-25, 2014.

Lectures:

1. Case Presentation: Best and worst cases of MitraClip. April 24th.
2. Coarctation of the aorta in adults: Stent therapy. April 24th
3. Coronary fistula closure: technique, outcome and follow up. April 24th
4. Percutaneous pulmonary valve: update on available valves and results of new self expandable pulmonary valve. April 24th.

Moderator:

1. Live Cases session: Endovascular & Structural Theater cases. 3:30-4:30 PM, April 24th.
2. Role of catheter intervention in adult congenital heart disease. 4:30-5:30 PM
3. Lessons learned and evolution in congenital interventions. 6:30-9:00 PM, April 24th.

2014 Guest faculty SCAI Annual Scientific sessions, Las Vegas, May 28th-31st, 2014.

Lectures:

1. Forthcoming Pulmonary valve technology. May 28th.

Moderator: PFO, ASD, LAA Closure: Where do we stand today? May 29th.

2014 Course Director: PICS/AICS 2014, Chicago, IL June 7-10, 2014.

Lectures:

1. Advantages of Different Imaging Modalities. Is There a Place for ICE?: June 7th, 2014.
2. New Self-Expanding stent for the dilated RVOT. June 9th, 2014

Moderator:

1. Morning Sessions: Imaging in structural heart disease: June 7th
2. Morning Sessions: Sunday, June 8th, 2014
3. Moderator morning and afternoon sessions: June 10th.

Live Case Operator:

Live Research Case from Rush University, Chicago, June 9th.

2014 Guest Faculty, CSI (Congenital & Structural Interventions) Frankfurt 2014, June 26-June 28, 2014

Speaker:

1. Evening Sessions and Industry Exhibition - Hybrid Procedures: Paravalvar Leak Closure. June 26th.

2. Lunch Sessions and Industry Exhibition - The New Venus Pulmonary Valve. Patient Selection. June 27th.
3. Ventricular Septal Defects: Hybrid closure: Acute and long-term outcomes.
4. Pulmonary Valves: Advantages-Disadvantages: Colibri Valve.
5. Pulmonary Valves: Advantages-Disadvantages: Recorded case Venus P-Valve

Moderator:

1. Evening Sessions and Industry Exhibition - Hybrid Procedures-June 26th.
2. Lunch Sessions and Industry Exhibition - The New Venus Pulmonary Valve-June 27th.
3. Session 7 - Ventricular Septal Defects-June 27th
4. Lunch Sessions and Industry Exhibition - Learn from my Case of Device Closure-June 28th.

2014 Faculty, 8th Annual Complex Interventional Cardiovascular Therapy (CICT), San Francisco, CA. July 25-26th, 2014.

Lecture: Percutaneous Pulmonary valves-Case based.

Moderator: Catheter based mitral valve repair and other SHD interventions.

2014 Guest Faculty: Emerging Structural Technologies (EST) Meeting. Dubai, UAE August 19-21, 2014.

Lectures:

1. What are the indications and devices for closing VSD. August 19
2. What are the indications and devices for closing PDA August 19
3. Easy Cases of ASD device closure, August 20th
4. Difficult cases of PFO closure, August 20th.
5. Device erosions: Is this issue fully understood? August 20th
6. Transcatheter Pulmonary valves: What are the available valves? August 21
7. Percutaneous mitral valve repair using the mitra clip. Aug 21.

2014 Co-Chair National 7th Convention “Adult Congenital Heart Disease Association”, Chicago, IL Sept 5-7th, 2014.

Lecture:

1. What is new in the cath lab? Sept 6, 2014
2. New percutaneous valves for the native RVOT.Sept 6, 2014

2014 Guest faculty: Tips & Tricks in Congenital & Structural Interventions. Bergamo, Italy, Sept 11-12, 2014.

Lecture: Transcatheter closure of acquired VSDs. Sept 11th, 2014.

2014 Guest Faculty & Associate Director: TCT 2014, Washington DC Sept 13-18, 2014.

1. September 13th: Hot Topic Lunch: Tricuspid Valve Disease: An Emerging Therapeutic Target: Discussant

2. September 13th: Hot Topic Lunch: Tricuspid Valve Disease: An Emerging Therapeutic Target: Case presentation
 3. September 14th: Patent Ductus Arteriosus in the Adult: Assessment of Operability: Lecture
 4. September 14th: Session I. Simple Congenital Heart Disease in the Adult. Moderator
 5. September 14th: Session III. Adult Congenital Heart Disease Abstracts: Moderator
 6. September 15th: Complex Congenital Interventions: Moderator
 7. September 16th: Plenary Session XXII: Live Cases VII: Live case discussant
 8. September 16th: International Session: Advanced Coronary Intervention: Technique Decision Making (Presented by the Arabian Gulf Region Interventional Cardiology Societies): Moderator
 9. September 16th: International Session: Advanced Coronary Intervention: Technique Decision Making (Presented by the Arabian Gulf Region Interventional Cardiology Societies): Case presenter.
- 2014 Guest faculty and guest of honor: 5th APCASH (Asia Pacific Congenital & Structural Heart Intervention Symposium 2014, Hong Kong, October 10-12, 2014
- Operator Live Cases:
1. Live transmission from Shanghai Children's Medical Center –October 10.
 2. Live transmission from Queen Elizabeth Hospital-Hong Kong-October 11
- Lectures:
1. How to work in the branch pulmonary arteries-October 10th.
 2. Forthcoming pulmonary valve technology-October 11.
- 2014 Virtual Congress of H Cor Hospital, Sao Paolo, Brazil, October 31, 2014.
- Lectures:
1. Paravalvular leaks: evaluation and management strategy.
 2. Transcatheter pulmonary valve replacement: state of the art.
- 2014 Guest faculty: 7th International Conference of The Royal Medical Services, Dead Sea, Jordan, Nov 4-7, 2014.
- Lectures:
1. Transcatheter pulmonary valve replacement: state of the art.
 2. Coarctation of the aorta in adult patients: treatment strategy
 3. Paravalvular leaks: evaluation and management strategy.
- 2014 Guest faculty: 5th Emirates Cardiac Society Congress, Dubai, Nov 6-8, 2014.
- Lectures:
1. Paravalvular leaks: evaluation and management strategy.
 2. Transcatheter pulmonary valve replacement: state of the art.
- 2014 Faculty, SCAI Fellow course, December 7-11, 2015, Las Vegas, Nevada

Lectures:

1. Vascular Access Including Transhepatic, 12/7/14
2. The Atrial Septum: Opening the Septum –Balloon Septostomy. Blade and Dilation, 12/7/14
3. Embolized Devices and Retrievals, 12/7/14
4. Native Outflow Tract Transcatheter Pulmonary Replacement OUS, 12/7/14
5. Complications During Device Closure, 12/8/14
6. ICE Monitoring for ASDs/PFOs, 12/8/14
7. Transcatheter Closure of Muscular and PmVSD, 12/8/14
8. Pulmonic Valvuloplasty, PDA, Coarcts, 12/9/14
9. Update on TAVR and Mitral Valve Interventions, 12/10/14

Moderator:

1. Congenital/Structural Heart Disease Interventional Cardiology Fellows Course, 12/7/14
2. Branch Pulmonary Arteries Stenosis: Angioplasty-Cutting Balloons & Stents, 12/9/14
3. HLHS & ECMO, 12/9/14
4. Congenital/Structural Heart Disease Interventional Cardiology Fellows Course, 12/10/14

Panelist:

1. Congenital/Structural Heart Disease Interventional Cardiology Fellows Course, Discussion, 12/7/14
2. The Pulmonary Valve: Stenosis/Atresia/Regurgitation: Open It or Resurrect It, From Echo to Intervention, Discussion, 12/7/14
3. Getting out of Trouble, Q & A, 12/7/14
4. Valve and Structural Therapy 2: Transseptal and Mitral, Q & A, 12/9/14

2015 Guest Faculty, 7th Middle East Cardiovascular Disease and Intervention Conference, Dubai, UAE, January 28-29, 2015

Lecture: Percutaneous Pulmonary Valves: State of the Art

2015 Guest Faculty: Top to Toe Transcatheter Solutions, Dubai, United Arab Emirates, Feb 19-20, 2015.

Lectures:

1. Nightmare case in cath lab: ASD device closure. Feb 20, 2015
2. Coarctation stenting in adult patients.

Moderator live cases: LAA closure-Feb 19th, 2015.

2015 Guest faculty: India Live 2015. February 26-28, 2015, Chennai, India

1. Feb 26th: Operator: 1:00-2:00 PM VSD symposium. Madras Medical Mission
2. Feb 26th: **Speaker**: PPVI-Indications and Techniques.
3. Feb 27th: Operator: stent symposium. Bilateral PA stenting. MMM
4. Feb 27th: **Speaker**. Hybrid PA stenting. 1:00-3:30 PM.

2015 Guest Faculty: 12th Annual Gulf Heart Association & 4th Kuwait Cardiac Society Conference, Kuwait March 4-7th, 2015.

Lectures:

1. VSD/ASD: when to intervene & outcomes versus surgery. March 6th

2. Coronary artery disease in children. March 6th.
- 2015 Guest Speaker at Georgia Regents University, Department of Pediatrics, Augusta, March 13th, 2015. Interventional Therapies for Congenital & Structural Heart Disease.
- 2015 Course Director: PICS-AICS AP: Taipei-Taiwan, April 1-4, 2015.
1. Live Case Operator: Zhongshan hospital Fudan University, Shanghai-Percutaneous pulmonary valve implantation with Venus P-Valve, April 1, 2015
 2. National Taiwan University: Paravalvar mitral leak closure..April 4th, 2015
- Lecture: Long-term follow up of percutaneous pulmonary valve implantation using the Sapien valve.
- 2015 Turkish Cardiac Society Meeting: Istanbul, Wyndham Levent Hotel Istanbul, Turkey April 23rd-26, 2015
1. April 24th, 2:30-3:30 PM-Panelist live cases, Hall 1: TAVI
 2. April 25th, 8:00-9:00 AM: Operator live case, VSD Closure.
- 2015 TCT AP, 20th Annual Meeting: Seoul, April 28th-May 1st, 2015
1. April 30th, 2015, 10:00-11:05 AM. Room 105, level 1: Moderator
 2. April 30th, 2015, 11:05 AM-12:30 PM. Room 105, level 1: Moderator
 3. April 30th, 2015, 11:17-11:29 AM. Room 105, level 1. Speaker: Edwards Sapien Valve: indications, technique and outcome.
 4. April 30th, 2015, 11:29-11:41 AM. Room 105, level 1. Speaker: Self expandable stent based pulmonary valve
 5. 2015 April 30th, 2015, 5:00-5:55 PM. Room 105, level 1. Panelist
 6. April 30th, 2015, 6:20-8:15 PM. Room 105, level 1. Moderator
 7. April 30th, 2015, 7:08-7:20 PM. Room 105, level 1. Speaker: Long-term outcome of transcatheter closure of ASD
- 2015 Asia Pacific Society of cardiology and Emirates Cardiac Society Meeting, Abu Dhabi, April 29th-May 2nd, 2015
1. Moderator: Interventional Session. May 2nd, 2015-10:30-2:00 PM
 2. ASD & VSD device closure: Echocardiography role. May 2nd, 2015
- 2015 SCAI Annual Scientific Sessions, San Diego, May 6-9th, 2015
- Lecture: May 8th 10:13 AM-10:26 AM, Device closure of the large ASD: A practical approach
- 2015 Guest faculty: CardioAlex 15. Alexandria, Egypt, June 2-5th, 2015.
- Lectures:
1. Atrial septal defect closure: indications, special considerations and technical steps. June 2, 2015.
 2. LAA closure: techniques and indications. June 3rd, 2015
 3. Coarctation of the aorta: Stenting, June 3rd, 2015
 4. Percutaneous pulmonary valve replacement, June 3rd, 2015

- 2015 Keynote speech: The University of Jordan Alumni Forum-50 years! June 7th, 2015.
- 2015 Guest faculty: TCT Russia 2015, Moscow, June 18-20, 2015.
- Session Chair: Congenital Heart Disease Intervention
- Lectures:
1. Interventional approach of paravalvular leaks
 2. How would I approach this case?
 3. Congenital heart disease intervention: editorial comments
- 2015 Guest faculty: CSI Frankfurt, Germany, June 24-27th, 2015.
- Lectures:
1. Preliminary results of the first randomized trial comparing two ASD closure devices head to head, June 25th, 2015.
 2. The Akesys Medical biodegradable scaffold, June 25th, 2015
 3. SAPIEN valve - results of compassion trial, June 25, 2015
 4. Colibri Heart Valve in the aortic position, June 25th, 2015.
 5. Transhepatic and Transseptal Access, June 26th, 2015.
- Moderator:
1. Evening Sessions (Thu) - New Aortic Valves - Part 2-June 25th, 2015
 2. Lunch Sessions and Industry Exhibition (Fri) - Access for Structural, Congenital and Valvar Interventions in Children, June 26th, 2015
 3. Live Only - Step by Step Sessions (Fri), June 26th, 2015.
- 2015 Guest faculty: 4th International Medical Conference of Armenia, Yerevan July 1-4th, 2015.
1. Lecture: State of the art: Interventional Therapies for Congenital Heart Disease, July 2nd, 2015
- 2015 Guest faculty CICT 2015, San Francisco, CA July 31-August 1st, 2015.
- Lecture: Complications encountered during Percutaneous pulmonary valve implantation.
- 2015 Lecture: Webinar with VuMEDI: Transcatheter closure of paravalvar leaks, August 3rd, 2015.
- 2015 Presentation: Transcatheter valve Therapies: The Heart Team. 1st JoSTA conference, Amman-Jordan, August 11-13, 2015.
- 2015 Guest faculty: Emerging Structural Therapies, Occlutech. Dubai, August 25-27th, 2015, Dubai-UAE
- Lectures:
1. PFO: devices, indications and trials. Aug 25
 2. ASD device closure: the story of erosions, Aug 25th.
 3. ASD device closure: A simple case
 4. Transcatheter pulmonary valve replacement using Melody and Edwards valves. Aug 27th
 5. Mitral valve Regurgitation: Repair using the Mitra Clip. Aug 27th.
- Moderator:
- Moderator of three sessions one each day.

- 2015 Visiting professor at Montefiore Children's Hospital.
LeNeveu lecturer: Interventional Therapies for Congenital Heart Disease: State of the art.
Montefiore Children's Hospital, NY Sept 2nd, 2015.
- 2015 PICS/AICS 2015, Las Vegas, Sept 18-21, 2015
- Course Director**
Lectures:
1. Update on next generation native RVOT valve studies. Sept 20, 2015.
- Moderator:
1. Session: Imaging presymposium. 6:00-8:00 PM, Sept 17th
 2. Session: Live cases. 8:00 AM-1:00 PM, Sept 18.
 3. Session: Congenital & Structural Interventions: What can we learn from each other. 2:00-3:30 PM, Sept 18
 4. Session: Innovations in structural heart disease. 2:00-5:30 PM, Sept 19.
 5. Session: live cases. 8-9:45 AM, Sept 21
- Guest Operator for Live cases from Sunrise Children's Hospital, Las Vegas, Nevada, 8:00-1:00 PM, Sept 19th, 2015.
- 2015 Course Director: Transcatheter Pulmonary Valve Symposium with live case demonstrations, October 2-3, 2015, Istanbul, Turkey.
- Lectures:
1. Operator & Institutional requirements for tPVR. October 2, 2015
 2. New valves for native right ventricle outflow tract, October 2, 2015
 3. Sapien for Valve-in-Valve in tricuspid and mitral position, October 3rd, 2015
- Moderator:
1. Right ventricle and RVOT after surgery, 8:00-10:30 AM, October 2, 2015
 2. Percutaneous valves: advantages and limitations, 3:15-5:00 PM, October 2, 2015
 3. Unusual ways and off label usage. 9:30-12:00 , October 3rd, 2015
- Operator Live cases:
1. Native outflow tract, live case# 3, October 2nd, 2015
 2. Native outflow tract, live case #5, October 3rd, 2015
- 2015 Faculty and Scientific Committee Member: TCT 2015, San Francisco, CA, October 11-15, 2015.
- Lectures:
1. Paravalvar Mitral Leak Closure: Indications and an Illustrative Case. October 11, 2015
 2. Transseptal puncture-recognizing complications and management. October 14, 2015
 3. Paravalvular Leak Closure: New Devices and the state of the Art. October 14, 2015.

4. Transcatheter Valve-in-Valve(tricuspid Position). October 15th, 2015
5. Transcatheter Pulmonary Valve Implantation in Patients with Transannular Patch. October 15th, 2015

Moderator:

1. Mitral Valve Interventions. October 11th, 2015
2. Adult Congenital heart disease. October 12th, 2015

2015 Guest faculty: 1st International Pediatric Conference of the Royal Medical Services, November 5-6, 2015, Land Mark Hotel, Amman-Jordan

Lecture: What does the pediatrician need to know about interventional therapies for congenital heart disease. November 6th, 2015.

2015 Guest faculty: 12th French Cardiac Society meeting, Martinique, Nov 21-24, 2015

Lectures:

1. Percutaneous treatment of paravalvular leaks: new perspectives. Nov 22nd, 2015
2. Preliminary clinical experience with the Venus P valve in a pulmonary position. Nov 23rd, 2015

2015 Faculty, SCAI Fall Fellows Courses, Las Vegas, December 6-9, 2015.

Lectures:

1. Vascular Access. Including Transhepatic
2. Vascular Closure Techniques
3. Closure of ASD's Using OUS Devices
4. Transcatheter Closure of Muscular and PMVSD
5. Native Outflow Tract Transcatheter Pulmonary Valve Replacement Outside of the US
6. ICE for Imaging and Interventions
7. The Atrial Septum: Opening the Septum – Balloon Septostomy, Blade and Dilation

2015 Workshop at: Percutaneous pulmonary & tricuspid valve implantation using the Edwards Sapien valve. Royal Hospital, Muscat, Oman. Dec 17th, 2015. Drs. Salim Al Maskary, Khalfan Al Musanaidi & Abdulla AL Furqani..

2015 Workshop: ASD/PDA closure using Occlutech devices in Cairo, Egypt December 19-21, 2015:

1. Misr University for Science & technology Hospital: Dec 19, 2015. Dr. Sahar El Shedoudy & team
2. Ain Shams University Hospital: Dec 20th, 2015: Dr. Maiy El Sayed & team
3. Al Mabarah Hospital: Dec 21st, 2015: Dr. Amal El Sisi & team

2016 Guest Faculty: 27th Annual Meeting of the Japanese Pediatric Interventional Cardiology “JPIC”, Hiroshima, Japan, January 27-31st, 2016.

Lectures:

1. Transcatheter closure of VSD with Amplatzer VSD occluder
2. Features & advantages: based on the results of the first randomized clinical trial.
3. Expectations of innovative new ASD device

4. My experience and result from Occlutech Figulla Flex II European prospective randomized study
- 2016 Guest Faculty Second 4TS, Dubai, UAE February 18-19, 2016
Lectures:
1. Paravalvar leaks: Transcatheter management
 2. Percutaneous pulmonary valves: Current state
 3. Assessment of coronary arteries in percutaneous pulmonary valves
 4. PFO closure: update on clinical trials
- 2016 Workshop: Abu Reesh Children's Hospital, Cairo University, February 23rd, 2016
(Drs. Hala Agha, Dr. Sonia El Saiedi, Dr. Rasha Amar).
- 2016 Guest faculty: The 43rd International Congress of the Egyptian Society of Cardiology. Cairo, Egypt, February 22-25, 2016
Lectures:
1. Percutaneous pulmonary valves: what is new and upcoming. Feb 24th, 2016
 2. Coarctation stenting: concepts and clinical outcomes, Feb 24th, 2016
 3. ASD device closure: Tips & tricks. February 24th, 2016.
- 2016 Guest faculty: India Live 2016, February 26-28th, 2016, New Delhi, India
Lectures:
1. PFO closure: update on trials.
 2. Catheter interventions for congenital heart disease.
- 2016 Course Director, PICS/CSI Asia, Dubai, UAE, March 3-5th, 2016
Moderator:
1. Lunch Session: Interventions on the Tricuspid Valve, March 3rd, 2016.
 2. Building a successful congenital interventional program in Asia- Pacific region: Challenges and solutions.
- Live Case Operator: March 4th, 2016. From Hamad General Hospital
- 2016 Guest Faculty: CIT (China Interventional Therapeutics) 2016, Beijing, China, March 17-20, 2016.
1. Operator Live Case from Fu Wai hospital, percutaneous pulmonary valve implantation using the Venus P valve-March 18th, 2016.
 2. Lectures:
 1. .Transcatheter closure of paravalvar leaks: State of the art. March 19th, 2016

2. Coarctation stenting in the adult patient: Technical considerations and results. March 19th, 2016.
- 2016 Guest faculty at ACC 2016, Chicago, IL April 2-4, 2016.
Lectures:
1. Right sided heart valves. April 3rd, 2016
 2. The year in review, April 4th, 2016.
- 2016 Guest faculty: International conference Imaging in Congenital Interventions: Focus on Univentricular heart. Lund, Sweden, April 7-8, 2016.
Moderator:
1. Fetal Interventions-April 7, 2016.
 2. Failing Fontan-Imaging-April 8th, 2016
- Lecture:
How to treat dysfunctional right sided valves-Catheter. April 7th, 2016.
- 2016 Guest faculty: Turkish Society of Cardiology, 23rd annual Interventional meeting with live cases. April 21-24, 2016, Istanbul.
Live case operator: Coarctation of the aorta from Siyami Ersek Hospital.
- 2016 Guest faculty: TCT Russia 2016, Moscow-Russia, June 2-4, 2016
Lectures:
1. Interventional VSD closure, June 2nd, 2016
 2. Other Interventional Closing techniques: paravalvar leaks and beyond. June 2nd, 2016.
- Chair: Session from 10:40-11:20 AM. June 2nd 2016.
Discussant: Session 9:00-10:30 AM, June 2nd, 2016.
- 2016 Guest speaker at Sri Lanka Interventional Meeting (SIM), June 18-21, 2016), Colombo, Sri Lanka
Lectures:
1. Atrial septal defect closure: Step-by-step techniques: June 18th
 2. Atrial septal defect closure: Complications: June 18th
 3. Transcatheter closure of acquired VSD: June 18th.
 4. Paravalvular closure: step-bystep techniques: June 19th
 5. Paravalvular closure: complications: June 19th
 6. Transcatheter closure of PFO: June 19th.

Live cases: Transcatheter closure of a coronary AV fistula: June 19th, 2016.

2016 Guest faculty, CSI. Congenital, Structural and Valvular Interventions. Frankfurt, Germany, June 22-25, 2016.

Lectures:

1. ASD device closure, results of randomized trial comparing the Occlutech Figulla Flex-II with Amplatzer Septal Occluder. June 22, 2016.

2. Plugs for VSD closure. June 23, 2016

3. Access to the heart: Transhepatic route. June 23, 2016

Moderator:

1. Stenting RVOT in tetralogy of Fallot. June 24th, 2016.

2016 Guest faculty: Advanced THV Pulmonic Implanters Meeting 2016. Prague, Czech Republic, July 14-15.

Lecture: Update on COMPASSION trial.

2016 Guest faculty 10th annual CICT 2016, San Francisco, CA July 29-30, 2016.

Lecture: Percutaneous Pulmonary Valve Implantation: Case presentation, July 30th, 2016

Chair: Structural Heart Disease Interventions-July 30th, 2016.

2016 Guest faculty: Favaloro Cardiovascular Symposium, september 9-10, 2016, Buenos Aires, Argentina.

Live case operator: Melody pulmonary valve implantation with German Hermenosa, MD. September 9th, 2016.

Chairman, structural Heart Disease sessions, Sept 9th, 2016.

Lectures:

Transcatheter pulmonary valve implantation: Results of Melody valve implantation. Sept 10th, 2016.

PFO closure: clinical evidence and results of randomized trials. Sept 10th, 2016.

2016 Guest speaker at: 18th International Congress on Cardiovascular Updates, 13-16, September 2016.

Lecture: Transcatheter pulmonary valve implantation: current state. September 14th, 2016

Workshop: Shahid Rajaie Heart Center-Drs. Sayfollah Abdi and Atta Fairouzi-Pulmonary valve implantation using Edwards Sapien valve. September 14th, 2016

2016 Guest Faculty 7th APCASH, Hong Kong, Sept 22-25.2016.

Live case operator: queen Elizabeth hospital: melody valve Abd ASD closure. Sept 24

- Lectures:
1. Percutaneous pulmonary valve implantation: state of the art. Sept 23, 2016
 2. Paravalvar mitral leak closure: transapical approach, Sept 25, 2016.
- 2016 Guest speaker: Gulf Heart Association Symposium, October 15th, 2016, Doha-Qatar.
- Lecture: PFO: To close or not to close
- 2016 Guest faculty: the 6th Asia Pacific Pediatric Cardiac Society, Shanghai-China, October 20-23, 2016.
- Lectures:
1. The differences of three transcatheter pulmonic valves in this world: Melody/Sapien/Venus. October 22nd, 2016.
 2. Complications of Transcatheter pulmonary valves. October 21st, 2016
- 2016 Guest faculty and chair of a workshop: 5th Scientific Meeting of the World Society for Pediatric and Congenital Heart Surgery. Right Ventricle, Right ventricular outflow tract and pulmonary valve. Abu Dhabi, UAE, October 27, 2016.
- 2016 Guest faculty and Scientific Committee member TCT 2016, Washington DC, October 29-Nov 2nd, 2016
- Moderator:
1. Complex Congenital Interventions. October 30th.
 2. Evaluation and Treatment of Secundum ASD. Nov 1st, 2016
 3. Pulmonic Valve and Vessel Interventions. Nov 1st, 2016
 4. TAVR in Developing Countries. Nov 1st, 2016.
- Lectures:
1. New Valves for the Native RV Outflow Tract. Nov 1st, 2016.
 2. The Pulmonary Valve Pipeline: Harmony Valve, Venus P Valve and More. Nov 1st, 2016
- Discussant:
1. Structural heart Disease technologies. Nov 1st, 2016
 2. The Right Ventricular Outflow Tract. Nov 1st, 2016
- 2016 Guest faculty: 8th Conference of the Royal Medical Services, November 14-17, 2016, Dead Sea, Jordan.
- Lectures:
1. Transcatheter pulmonary valve replacement: state of the art. November 16, 2016
 2. Transcatheter Paravalvar leaks closure. November 16, 2016.
- 2016 Guest Faculty, CardioInterv 2016, November 24-25, 2016, Curitiba, Brazil.
- A. Lectures:
1. Transcatheter closure of PFO to prevent recurrence of cryptogenic strokes: State of the art. November 24th, 2016.
 2. Transcatheter treatment of congenital heart disease-An update. November 25, 2016
- B. Live Case Operator:

A child with severe RPA stenosis. Co-operatprs Jean Silva, MD and Sergio Tarbine, MD.
November 24th, 2016.

2016 Course Faculty: SCAI Fall Fellows Course 2016, Las Vegas, Dec 10-14, 2016.

Lectures:

- 1 Vascular access and vascular closure devices. 12/11/2016
- 2 Closure of PFOs and ASDs using OUS devices. 12/11/2016
- 3 ASD: Interactive Case presentation. 12/11/2016
- 4 Transcatheter closure of muscular & PmVSD. 12/11/2016
- 5 Natie Outflow tract: Transcatheter pulmonary valve replacement. 12/12/2016
- 6 Debate: ICE for imaging and why it is preferred for congenital interventions 12/13/2016
- 7 Opening the atrial septum: reansseptal access, balloon septostomy, stunting, etc.
12/13/2016
- 8 Lunch symposium with Edwards Lifescie yes; interactive case presentations 12/13/2016
- 9 An animal workshop: St Jude anatomy class-teacher

2017 Course Director & Faculty, PICS-AICS, January 16-20, 2017, Miami, FL.

Lectures:

1. Transcatheter paravalvar leak closure. January 15.
2. How to deal with complex distal MPA, proximal branch PA stenosis in patients undergoing tPVR. January 17th.

Moderator:

1. Morning sessions, January 16th, 2017.
2. Moderator, afternoon sessions, January 20th, 2017.

2017 Guest speaker: Occlutech International Sales Meeting, Barcelona, Spain, January 26-27, 2017.

Lectures:

1. How to become a leader in the interventional business.
2. VSD closure: The Science and data
3. Fenestrated ASD device-Indications

2017 Guest faculty, Arab Health Meeting, Dubai, UAE January 30-Feb 2, 2017.

Lecture: Percutaneous pulmonary valve implantation: State of the art.

2017 Guest faculty: 13th Gulf Heart Association & Oman Heart Association meeting, Muscat, Oman, February 8-11, 2017.

Lecture: TAVI: are we expanding the indications?

Moderator: Pulmonary Atresia/Intact Ventricular Septum

2017 Guest Faculty: CSI Asia Pacific, Bangkok, Thailand, March 2-4, 2017.

Lectures:

1. Complex procedures in complex Adult CHD: Tips & Tricks. March 3
2. Complete heart block after ASD device closure. March 4th.
3. Vascular Access-Transhepatic route. March 4th.

Moderator:

1. Learning from the masters in structural heart disease, Thursday
March 2nd, 6:00-7:00PM
 2. Adult Congenital Heart disease catheter intervention. March 3, 11:25 AM-12:35 PM
- 2017 Guest faculty: ACC 2017, Washington D.C, March 17-20, 2017.
- Lecture:
The Unforgotten Valves: Edwards Sapien Pulmonic valve: Overview and Case study, March 19, 2017.
- 2017 Guest faculty: 13th International Update in Cardiology and Cardiovascular surgery (UCCVS) congress. Izmir, Turkey, March 23-26th, 2017.
- Lectures:
1. Coarctation stenting in adult patients. March 24th.
 2. Transcatheter pulmonary valve replacement. March 24th
 3. Transcatheter closure of ASD: technical considerations. March 24th
 4. Paravalvar mitral leaks: indications and technical considerations. March 24th.
- 2017 Guest faculty, CIT 2017, March 30-April 2nd, 2017, Beijing-China
- Live Case operator: Percutaneous Venus P valve implantation from Fu Wai Hospital, March 31st, 2017.
- Lectures:
1. Transapical closure of paravalvar leaks, April 1, 2017.
 2. Transcatheter PFO closure: where do we stand? April 1, 2017.
- 2017 Guest Faculty: Conference on Understanding Molecular Mechanisms Underlying Cardiovascular Disease, Diabetes, Obesity and Stroke. April 10-12, 2017, Doha-Qatar.
- Moderator: Diabetes, Stroke and cardiovascular complications in the Middle East and GCC region. April 10, 2017.
- 2017 Guest faculty CSI DUBAI, April 20-22, 2017, Dubai-UAE.
- Lectures:
1. Use of registries: CCISC. April 21.
 2. Five features worry me during ASD device Closure
- Moderator: Closure of ASD/PFO. Session 9:00-10:30 AM, April 22, 2017
- 2017 Guest Faculty CardioAlex 17, Alexandria, Egypt, May 23-16, 2017
- Lectures:
1. Shakeel Qureshi Honorary Lecture: Transcatheter closure of ASD: State of the art. May 23, 2017
 2. Coronary arteriovenous fistulas: when and how to close. May 24, 2017
 3. Percutaneous paravalvar leak closure: chasing the chameleon. May 24th, 2017.

- 2017 Guest Faculty TCT Russia 2017, St. Petersburg, Russia, June 8-10, 2017
- Discussant: Congenital Heart Disease Interventions I, 6/8/17
- Lecture:
Interventional VSD Closure: Clinical Indications and Device Selection, 6/8/17
- Stenting in Pulmonary Artery Pathology, 6/8/17
- Chair: Congenital Heart Disease Interventions II, 6/8/17
- 2017 Guest faculty and Keynote speaker: NAAMA International Medical Convention, July 1-5, 2017, Amman-Jordan.
- Lectures:
1. The story of TAVI: How did we get there. July 1st, 2017
 2. Interventional Therapies for Adults with Congenital heart disease. July 3rd, 2017.
- 2017 7th World Congress of Pediatric Cardiology & Cardiac Surgery, 16-21 July, 2017, Barcelona, Spain
- a. Organizing Committee
 - b. Scientific Committee
 - c. Program Committee-Catheterization & Interventions Working Group-Chair
 - d. Faculty
1. Lectures:
 - a. Clinical Outcomes with Self Expanding Pulmonary Valve Systems. July 17, 2017.
 - b. Percutaneous pulmonary valve placement. July 18, 2017
 - c. Land Mark Lecture: Pediatric Interventional Cardiology: The past, present and the future. July 21, 2017.
 2. Moderator:
 - a. Atrial Interventions Sessions. July 18th, 2017
 - b. New techniques and technologies sessions. July 18th, 2017
 - c. Debate session. July 18th, 2017
 - d. Late breaking clinical trials. July 20th, 2017.
- 2017 Guest faculty and operator: Fundacion Favaloro cardiovascular symposium, Buenos Aires, Argentina September 15-17, 2017.
1. Live cases operator: September 15, 2017: a case of Melody valve and a case of venus P valve.
 2. Lectures:
 - a. Illustrative 2 cases Coronary artery fistula: One simple and one complex case. Sept 15, 2017
 - b. Percutaneous pulmonary valve implantation: State of the art: September 16, 2017.
 - c. PFO after RESPECT trial. September 16, 2017.
- 2017 Guest speaker: Kuwait Cardiac Society September 20th, 2017: Percutaneous Pulmonary Valve Implantation: State of the art.

- 2017 Guest faculty: IPC (International Workshop on Interventional Pediatric and Adult Congenital Cardiology), Milan, Italy September 28-30th, 2017.
- Chairman: Morning sessions September 28th, 2017.
- Speaker: 1. Complex cases in CHD. September 28th, 2017.
 2. Clinical results from the Venus P clinical trial in China, September 28th, 2017.
- Live case operator: A case of Edwards S3 percutaneous pulmonary valve implantation at San Donato, Milan. September 28th, 2017.
-
- 2017 Guest Speaker and Operator: APCASH 2017, Hong Kong, October 7-8,2017.
- Operator live cases October 7, 2017:
1. Case of PDA closure in an adult patient.
 2. Case of coarctation stenting in an adult patient.
- Lecture: PPVI in postoperative RVOT conduits. October 7, 2017.
-
- 2017 Guest Speaker: Advanced Therapies in Healthcare, October 28-29, 2017, Doha, Qatar.
- Lecture: Percutaneous pulmonary valve replacement: State of the art.
-
- 2017 Guest faculty: 13th International Conference of the Jordan Cardiac Society meeting, Amman-Jordan, Nov 8-9, 2017.
- Lectures:
1. Coronary arteriovenous fistulae: indications for closure and technical considerations.
 2. Percutaneous pulmonary valve implantations: State of the art
-
- 2017 Guest faculty: SCAI Fall Fellows Course, Las Vegas, Nevada, December 8-12, 2017.
- Lectures:
1. Vascular Access and Vascular Closure Devices Dec 9, 2017
 2. Closure of PFOs and ASDs Using OUS Devices Dec 9, 2017
 3. Transcatheter Closure of Muscular and pmVSD Dec 9, 2017
 4. Case Presentation: Venus Valve Dec 10, 2017
 5. Debate: ICE for Imaging and Why It Is Preferred for Congenital Interventions, Dec 10, 2017
 4:15 PM - 4:30
 6. Interventions on the Distal MPA and Proximal Branch PAs Dec 11, 2017
- Moderator:
1. Interventions on the Atrial Septum Dec 9, 2017 1:30 PM - 3:30 PM
 2. Pulmonary Valve Interventions Dec 10, 2017
-
- 2018 14th Gulf Heart Association Conference & 11thGulf Vascular Society Symposium. January 11-13, 2018, Doha-Qatar.
1. Advisory Committee member
 2. Moderator: pediatric cardiology session, January 11th, 2018.

- 2018 Guest faculty: Occlutech Annual Sales Meeting, Istanbul-Turkey, January 25-26, 2018.
- Lectures: 1/26/2018
1. Results of randomized clinical trial of Occlutech Figulla Flex-II device
 2. Transcatheter PDA closure using Occlutech PDA device.
- Ask the expert: 1/26/2018.
- 2018 Lecture: Percutaneous pulmonary valve replacement: State of the Art. First Symposium on Science and Technology in CCQ. Doha-Qatar March 6, 2018
- 2018 Course Faculty: CIT 2018, Suzhou, China March 23-25, 2018.
1. Live case operator (Venus P valve) from Fuwai Hospital: March 23rd, 2018.
 2. Lecture: Coarctation of the aorta: state of the art. March 24th, 2018.
- 2018 Guest faculty: Tips and Tricks in Congenital and Structural Interventions. Bergamo, Italy, April 5-6, 2018.
- Lectures:
1. Outside the Heart: Which approach for which disease (the best choice and alternative)-How to improve patient safety. April 5, 2018.
 2. Inadequate PFO closure: What to do? April 5, 2018
- 2018 Guest faculty: 14th International Congress of Update in Cardiology and Cardiovascular Surgery. Antalya, Turkey, April 5-8, 2018.
- Lecture: ASD and VSD closure: Tips and Tricks in mastering. April 7, 2018
- 2018 Visiting Professor at Yale New Haven Children's Hospital, April 25, 2018.
1. Grand Rounds: Hybrid Interventions
 2. Meet with fellows to discuss cases.
- 2018 Guest faculty: Annual Scientific Sessions of the SCAI, April 26-28, 2018, San Diego, CA.
1. Moderator: SHD/CHD combined part I: Learning from each other. April 27.
 2. Panelist: Controversies in Interventional Cardiology II: Scientific and industry collaboration: An imperative for innovation. April 27th.
 3. Panelist: Panel discussion on paths to national leadership. April 28.
- 2018 Guest Faculty: Complex Congenital & Structural Heart Disease Intervention: The Toronto Course. May 25-26, 2018, Toronto, Canada.
- Lectures:
1. Interventions on the dark Side: Debate: It is appropriate to prevent RV dilation at all costs in severe PR. I'm very aggressive on indications with PPVI. Con position. May 25.
 2. Complications and bailout techniques with large vessels tents (PA and A). May 25.
 3. Keynote lecture: 5 lessons about intervention from my patients I will never forget. May 26th.
- Moderator:
- Atrial Interventions. May 25.

- 2018 Guest Faculty: CSI 2018, June 27-30, 2018, Frankfurt-Germany
- Lectures:
1. Pulmonary Valve Implantation: Limitations of current valves. June 27, 2018.
 2. Stenting pulmonary arteries & Veins: Intraoperative Stent Implantation: When & Why? June 28, 2018
- Moderator: E-poster Session: Septal defects, June 29th, 2018.
- Panelist: Road to the top:
1. How to become involved in scientific society activities and guideline committees. June 29, 2018
 2. Why bother with networking?
- 2018 Guest faculty: Favaloro Cardiovascular Symposium, August 17-18, 2018, Buenos Aires, Argentina
1. Live case operator: Venus P valve implantation. August 17, 2018.
 2. Lectures:
 - a. Catheter based Interventions should become the new standard of care in tetralogy of Fallot patients. Aug 17, 2018
 - b. Sapien valve experience; Update. Aug 17, 2018.
 - c. Case presentation: Aortic coarctation. Aug 18, 2018
 - d. PFO closure: we should treat all patients after first cryptogenic stroke. Aug 18, 2018
 3. Chair of Sessions:
 - a. Interventional management for neonatal tetralogy of Fallot. Aug 17, 2018
 - b. PICS@Favaloro: Congenital heart disease-Case based presentations. Aug 18, 2018.
- 2018 Course Director & Faculty, PICS-AICS, September 5-8, 2018, Las Vegas, NV.
- Lectures:
1. Innovations on the fly. PICES session, September 6th, 2018
- Moderator:
1. Morning live cases sessions, September 6th, 2018.
 2. Regulatory summit (FDA, Japanese MOH, CE), September 7th, 2018
 3. Morning live cases sessions: September 8th, 2018.
- 2018 Guest Faculty CUDOS 2018 Conference, Doha-Qatar, September 22-24, 2018.
- Lecture:
- Percutaneous pulmonary valve implantation: State of the art.
- 2018 Guest faculty: Structure Club Japan 2018 with Live Demonstrations, Okayama-Japan, September 28-29, 2018.
- Lectures:
1. Transcatheter closures of difficult ASD: New evidence for safe and effective procedure outcome. 9-28-2018

2. State of the art lecture: Experience with the Venus P valve in the pulmonic position. 9-28-2018

Commentator:

1. Video live ASD case: 9-28-2018
2. Nightmare cases. 9-28-2018
3. Paravalvar leaks. 9-29-2018

2018 Guest faculty: APCASH 2018, Hong Kong, October 6-7, 2018.

Lectures:

1. Global updates on percutaneous pulmonic valve technologies. Oct 6, 2018.
2. Coarctation stenting in adults. Oct 7, 2018
3. State of the art of Melody valve. Oct 7, 2018.

Live case operator:

Coarctation stent case: Queen Elizabeth Hospital. Oct 6, 2018.

Chairperson:

1. Lunch Symposium-Venus Medtech. Oct 6, 2018.
2. Breakout session: Pediatric Session. Oct 7, 2018.

2018 Guest faculty & Operator, Cardio Interv 2018, Curitiba, Brazil, Nov 29, 30th 2018.

Operator Live Cases:

Case of tPVR (Nov 29th) and a case of coarctation (Nov 30th)

Lectures:

1. ASD device closure: technical considerations (Nov 29th)
2. Percutaneous Pulmonary valve implantation: State of the art (Nov 30th).

2018 Guest faculty: SCAI Fall Fellows Course 2018, Las Vegas, December 7-11, 2018

Lectures:

1. Obtaining vascular access: basics, complex, tips and tricks. December 8, 2018.
2. Five ways I open the atrial septum. December 8, 2018
3. Techniques of percutaneous VSD closure: muscular, perimembranous and post-infarct. December 8th, 2018
4. Pediatric hybrid: case presentation. December 10th, 2018

Moderator:

1. Ventricular septum: December 8th, 2018
2. Hybrid Interventions: December 10th, 2018

2018 Speaker at: Atrial Fibrillation Genomics to Clinical Practice- Doha, December 15, 2018.

Lecture: Role of left atrial appendage closure in AF

2019 Guest faculty: Occlutech International Sales Meeting. Dublin-Ireland, January 17-18, 2019.

Lectures:

1. State of the art ASD closure. 1/17/2019
2. Outstanding competitive advantages: less erosions with Occlutech ASD device. 1/17/19
3. Transseptal Puncture for LAA & AFR implantation. 1/17/19

4. Indications for AFR. 1/18/19

2019 Guest faculty: The second All Russian Conference “Endovascular Therapies for Structural Cardiovascular Disease”, March 15-16, 2019, Kaliningrad, Russia.

Lectures:

1. How to treat secundum ASD: Endovascular perspectives. March 15, 2019
2. Transcatheter pulmonary valve replacement in patients with congenital heart disease. March 15, 2019.
3. Hybrid surgery for congenital heart disease. March 16, 2019.
4. Stenting for pulmonary stenosis in patients with congenital heart disease. March 16, 2019

2019 Guest faculty, 4th Al-Jahra Pediatric Conference, Kuwait City, March 22-24, 2019.

Lecture:

Update on Interventional Therapies for Congenital Heart Disease. March 22, 2019

2019 Guest Faculty: CIT 2019, March 28-31, 2019, Beijing-China

1. Live Case Operator:
Case of complex PA stenoses from Fuwai Hospital, March 29th, 2019.
2. Lectures:
 1. Transcatheter Pulmonary valve Implantation. March 30th, 2019
 2. Occlutech ASD device and innovations. March 30th, 2019.
3. Moderator:
Live case session from Fuwai Hospital. March 30th, 2019

2019 Keynote speaker: 18th Turkish Congress of Pediatric Cardiology and Cardiac Surgery, April 11-14, 2019. Antalya-Turkey

The career and leadership in pediatric cardiology: innovations on the fly. April 11, 2019.

Moderator: Stent implantation at the RVOT and pulmonary arteries, April 12, 2019.

Moderator: Interventional Cases: April 13, 2019.

2019 Guest faculty: SCAI Annual Scientific Sessions, Las Vegas, May 19-22, 2019.

Moderator: Stuff done early: Interventions before and after birth. Monday May 20th

Panelist: Live cases: Monday May 20th

Lecture: Pulmonary valve session: So, What is out there for the native RVOT. May 21st

2019 Guest faculty: TCT RUSSIA MKSCOW, June 20-22, 2019.

Lectures:

1. Pulmonary artery stenting. June 20.
2. Transcatheter closure of congenital ventricular septal defects. June 20.

Moderator: congenital heart disease morning session. June 20.

- 2019 Guest faculty: CSI Frankfurt, June 27-29, 2019.
- Lectures:
1. P-valve: A self-expanding percutaneous pulmonary valve specifically for the native RVOT. June 27, 2019
 2. ASD: How to close? Tips & Tricks: thrombus. June 29, 2019
 3. Interventions in Complex atrial septal defects. June 29, 2019
- Moderator: KOL: Case competition-Congenital: June 27, 2019.
Moderator: e-poster session: Challenging cases from Asia, June 28, 2019.
Moderator: ASD: How to close? Tips & Tricks: June 29, 2019
- Panelist: KOL: Case competition-Congenital-June 29, 2019.
- 2019 Guest Faculty SOLACI/SBHCI, Sao Paulo, Brazil, August 1-3, 2019.
- Lectures:
1. PICS@SOLACI- RVOT preparation for the Sapien valve-Large diameter stents vs reducing devices. August 1
 2. PICS@SOLACI: Paravalvular leaks with the Occlutech PLD devices. August 1.
 3. Structural heart disease: Atrial septal defect & patent foramen ovale. Treatment techniques: step by step. August 1
 4. Occlusion in Special Cases: Coronary fistulae occlusion in children: strategies and outcome. August 2
 5. Satellite symposium: Figulla Flex-II randomized trial. August 2
 6. Stents in special situation: How should we treat pulmonary bifurcation? August 3.
 7. How I see the future of Interventional cardiology in congenital heart disease. August 3.
- Live case operator:
Venus P valve guest operator: Dante Pazzanese Institute-Sao Paulo, August 2nd.
- Panel discussants: My nightmare case in the cath lab. August 2nd, 2019.
- 2019 Course Director: PICS/AICS 2019, San Diego, CA September 4-7, 2019.
- Welcome Speech: September 5th, 2019
- Moderator: Live cases session September 5th, 2019.
Moderator: Lunch breakout session: My best and worst case of transcatheter pulmonary valve replacement. September 5th, 2019
Moderator: Live cases session, September 7th, 2019
- FDA regulatory session with Japanese and European agencies, September 6th, 2019.
- 2019 Guest faculty: 3rd Imaging in Congenital Heart Interventions: Pulmonary Atresia with Intact Ventricular Septum & Fallot type Pulmonary Atresia. 2-3 October 2019, Lund, Sweden.
1. Moderator: Postnatal assessment and repair in PA-VSD.MAPCAS. October 2nd, 2019
 2. Moderator: Outcome and complications after PA/IVS repair. October 3rd, 2019
 3. Lecture: Transcatheter pulmonary valve replacement in large native RVOT. October 3rd, 2019

4. Lecture: Transcatheter pulmonary valve replacement in RV-PA conduits. October 3rd, 2019.
- 2019 Guest faculty: 5th Simposio Internacional de Cardiologia. Sao Paulo, Brazil. October 25-26, 2019.
- Lectures:
1. Venus P Valve implantation in pulmonary position. October 25, 2019
 2. Innovations in the transcatheter treatment of cardiac structural defects. October 25, 2019
 3. Patent foramen ovale-when to indicate? The interventionist opinion. October 25th, 2019
- Moderator: Discussion of challenging cases. October 25, 2019.
- 2019 Course Co-Chair: CUDOS 2019, Doha-Qatar, November 20-26, 2019.
- Moderator: Gulf Heart Session @ CUDOS, November 25, 2019.
- Lecture: The future of interventional cardiac catheterization for Congenital heart Disease. November 26, 2019.
- 2019 Guest Faculty: SCAI Fall Fellows Course 2019, Las Vegas, December 6-10, 2019
- Lectures:
1. Indications for VSD Closure and Available Devices. December 7, 2019.
 2. Obtaining Vascular Access: Basics, Complex, Tips and Tricks. December 7, 2019
- 2020 Guest Faculty: Cardio Egypt, February 25-27, Cairo—Egypt.
- Presentation: Hybrid Interventions, February 25, 2020 via Skype.
- 2020 Guest Faculty: India Live 11th annual meeting, Delhi, February 27-March 1st, 2020.
- Presentations:
1. Tips & Tricks for performing common adult CHD interventions. Fellows Course, February 27, 2020
 2. Non Coronary Conclave-PFO closure. February 28, 2020
 3. Status Update Conclave-Interventions for CHD: Status report 2020. February 29, 2020
 4. Congenital heart Disease Conclave-Pulmonary valve implantation. February 29, 2020.
- Chairperson:
1. Non Coronary Conclave-February 28, 2020
 2. Status Update Conclave-February 29, 2020
 3. Congenital Heart Disease Conclave-February 29, 2020
- 2020 Guest faculty: 3rd Qatar Cardiac Imaging Conference-Doha-Qatar, March 6-7, 2020.
Lecture: What I need to know before pulmonary valve implantation? March 6th, 2020.
- 2020 Guest Faculty: Maternal & Child Health Symposium. Doha-Qatar, March 7-9, 2020.
Chairperson: Morning Session 9:20 AM-12:30 PM. March 7, 2020.
- 2020 Presentation: PICS Webinar: COVID-19 & Congenital Heart Disease-Moderator April 9, 2020.

- 2020 Lectures: Webinar: Interventions in Congenital Heart Disease - Learn from the Masters: Percutaneous pulmonary valve: An Overview. April 23, 2020.
Series 2 : April 21st to 24th April 2019
- 2020 Lectures: Webinar Series: Al Abdali Hospital, Amman-Jordan, April 26, 2020: Interventional Therapies in Adults with Congenital Heart Disease.
- 2020 Guest Faculty: SCAI 2020 Scientific Sessions Virtual Conference, May 14-May 16, 2020.
Lecture: Oh My! I tore the aorta.
- 2020 Course Co-Director and Moderator: PICS-AICS Webinar: Transcatheter Pulmonary Valve Replacement Part 1. May 27, 2020.
- 2020 Course Co-Director and Moderator: PICS-AICS Webinar: Transcatheter Pulmonary Valve Replacement Part 2. June 17, 2020.
- 2020 Congenital Interventional Cardiology: Venus P Valve. Webinar “Congenital Heart Academy”. June 25, 2020.
- 2020 Featured topics in tetralogy of Fallot: When and How should the pulmonary valve be replaced? Joint meeting Congenital Heart Academy and Saudi Heart Association. July 23rd, 2020.
- 2020 Course Co-Director and Moderator: PICS-AICS Webinar: Newer Options for Transcatheter ASD Closure. July 29, 2020.
- 2020 Guest faculty: TCT Russia, 2020. Online meeting, August 4th, 2020.
Lecture: Percutaneous Pulmonary valve Implantation.
- 2020 Guest faculty: Cardiothoracic, international, multidisciplinary web sessions, GOSH, August 4, 2020: Percutaneous pulmonary valve replacement, when and How.
- 2020 Course Director: PICS/AICS 2020, Live On Line Symposium, September 11-13, 2020.

Welcome Speech: September 11, 2020
Moderator: Live case session September 11, 2020.
Welcome Speech: September 12, 2020
Welcome Speech: September 13, 2020
Operator: Live cases session, September 13, 2020
- 2020 CSI Webinar, October 23, 2020
Pulmonary Valve Interventions
Moderator of the session
Lecture: Timing of PPVI.
- 2020 Guest Faculty: National Arab American Medical Association (NAAMA) Convention: Webinar, October 24-25, 2020.
Surviving the Pandemic! Effects on Medical Education. October 24, 2020.
- 2020 Guest Faculty: Virtual Structural Heart Disease Catheter Based Therapies-King Fahad Armed Forces Hospital. Jeddah, KSA November 1, 2020.
Demonstration percutaneous treatment of paravalvar leaks.

- 2020 Guest Faculty: Moderator, PICS Symposium at 2020 SBHCI (Brazilian Society of Hemodynamics and Interventional Cardiology) Virtual week. Nov 4, 2020.
- 2020 Guest faculty: Favaloro Cardiovascular Symposium, Virtual, Nov 7, 2020.
Lecture: Pulmonic valve replacement: What is new?
- 2020 Guest Faculty: Bangladesh Cardiac Society, Virtual, Nov 13, 2020. Lecture: Pulmonic valve replacement: All What you need to know about PPVI?
- 2020 Guest Faculty: 1st Middle East & North Africa Percutaneous Cardiovascular Intervention Congress. Amman-Jordan, December 2-4, 2020.

Lecture: Transcatheter pulmonary valve: State of the art. December 4th, 2020
- 2020 Guest Faculty: CardioInterv 2020, Curitiba, Brazil, December 3-4, 2020.

Lecture: Percutaneous pulmonary valve Replacement-An update-December 4th, 2020.
- 2020 Guest Faculty: 10th APCASH-Hong Kong, December 6th, 2020.

Sharing from Experts: My most challenging Congenital case.
- 2021 Webinar: PICS Masterclass Live Case transmission: January 7th, 2021
Transcatheter closure of Sinus Venosus ASD.
- 2021 Guest Faculty: CardioEgypt 2021, 15-18 February 2021.
Lecture: Large RVOT: Assessment and strategy of Intervention. February 18th, 2021.
- 2021 Speaker: Open Investor Day-Venus Medtech. April 16, 2021.
Innovations and market potential of Venus P valve.
- 2021 Guest faculty: CSI Asia Pacific June 26th, 2021.
Moderator: Live cases from Thailand.
- 2021 Guest faculty 11th Asia Pacific Congenital & Structural Heart Intervention Symposium (APCASH 2021)-Virtual. July 4th, 2021

Panelist: Pediatric Session-Neonatal & Infant Intervention. July 4th, 2021
Speaker: My most challenging percutaneous pulmonary valve implantation. July 4th, 2021
- 2021 Guest Faculty: Siyami Ersek Hospital, Istanbul-Turkey. July 9th, 2021.

Moderator: Transcatheter Pulmonary Valve Implantation with Pulsta Valve.
- 2021 Guest Faculty: Asia Pacific Pediatric Cardiac Society (APPCS) 2021, July 17, 2021.

Lecture: Results of Venus P valve in pulmonic position. July 17, 2021
Moderator: Transcatheter Pulmonary valve Replacement. July 17, 2021
- 2021 Guest Faculty: SOLACI/CACI Buenos, Aires, Argentina August 5-7, 2021.

Moderator: PICS Society @ SOLACI, Aug 5th, 2021. 10:30-12:00
Lecture: A Talk with Expert: How Do I Do it?
Occlusion of Coronary artery fistulas. August 5th, 2021. 12:00-12:10

- 2021 Guest Faculty: The Best of the ACC 21, Jordan Chapter. August 16, 2021.
Lecture: Highlighted original research: Pediatric & Congenital Heart Disease.
- 2021 Course Director: PICS/AICS 2021, Aria Convention Center, Las Vegas, NV, September 1-4, 2021
Welcome Speech: September 1, 2021
Moderator: Live case session September 1, 2021
Moderator: Breakfast Symposium September 2, 2021
Moderator: Interventional Treatment of SVASD September 3, 2021
Lecture: PA Stenting in the Context of tPVR–Planning for the future September 3, 2021
Closing Remarks September 4, 2021
- 2021 Guest faculty: The 14th International Conference of the Jordan Cardiac Society, in collaboration with Jordan Society of Cardiac Surgery. Sept 22-24, 2021, Amman-Jordan
Lecture: Transcatheter ASD closure: Update including sinus venosus ASD
- 2021 Moderator: Live Case webinar: A case of paravalvar mitral leak from memorial hospital, Istanbul-Turkey. October 1, 2021.
- 2021 Guest Faculty: 6th International Congress of Pediatric Cardiology Unit Cairo University, Cairo, Egypt, October 14-16, 2021.
1. Lecture: Transcatheter Pulmonary Valve Implantation: State of the art. October 14, 2021.
2. Moderator: Abstract session & Pulmonary valve session.
- 2021 Guest faculty: SBHCI Scientific Congress, Sao Paulo-Brazil: October 20th, 2021.
Moderator of PICS@Brazilian Congress session
- 2021 Guest faculty: Pediatric Cardiac Society of India, October 22, 2021.
Moderator: PICS@PCSI
- 2021 Guest faculty XVII Congreso Colombiano De Cardiologia Intervencionista Pediatrica. Bogota-Colombia. November 12, 2021
Lecture: Transcatheter closure of sinus venosus ASD
- 2021 Guest faculty: International summit on diagnosis and treatment of CV disease. Taiwan, November 13, 2021.
Lecture: percutaneous Valve Implantation (PPVI).
- 2021 Guest faculty: Venus P-Valve Latin American Webinar Workshop. Brazil, November 17, 2021.
Chairman of the webinar
Lecture: Venus P-valve CE trial results.
- 2021 Guest faculty: Sri Lanka College of Cardiology, SLCC 2021-Fellows course. November 21, 2021.
Lecture: How to approach an acquired VSD.
- 2021 Guest faculty: TCT Russia, Moscow, November 22, 2021.
Lecture: Transcatheter pulmonary valve implantation.
- 2021 Guest faculty: 21st Cardio Interv, Curitiba, Brazil December 2-3, 2021.
Lectures:

1. Atrial septal defects in complex anatomies: when and how to treat? December 2, 2021
2. State of the art of pulmonary valve percutaneous treatment. December 3, 2021

Live Case Operator: Case of Fontan baffle obstruction. December 3, 2021.

- 2021 Keynote Speaker at National University of Science & Technology Day, Oman, December 8, 2021.
Lecture: Innovations in Congenital Heart Disease Interventions: How did it all start?
- 2021 Guest faculty: 2nd Percutaneous Coronary Intervention, December 9-10, 2021, Amman-Jordan.
Lectures:
1. Transcatheter closure of ASD's: features that make you worry
 2. Percutaneous pulmonary valve replacement: State of the art
- 2022 Guest faculty: Jordan Valve-2022. Amman-Jordan January 20, 2022.
Panelist: Tricuspid Valve & More.

RESEARCH:

- 1989-1990 Sodium-potassium ATPase, Molecular topology of the sodium pump. Advisor: Dr. Edward Benz. Department of Medicine, Yale University, School of Medicine, New Haven, CT
- 1991-1995 Development of intravascular stent for treatment of congenital cardiac defects
- 1991-1998 Development of intravascular stent for atherosclerotic coronary artery disease
- 1992-present Development of new high pressure angioplasty balloon catheters "Z-MED"
- 1994-1998 Development of a new low profile "septostomy balloon catheter" for palliation of congenital heart disease
- 1995-1996 National PI: the DAS - Angel Wings device to close ASD and PFO
- 1997-2005 National PI: the Amplatzer septal occluder device for ASD closure
- 1998-2005 National PI: the Amplatzer Duct Occluder and Chairman of the US/International trial
- 1998-2005 National PI: the Amplatzer muscular VSD occluder
- 2000-2005 National PI: the Amplatzer membranous VSD occlude
- 2003-2007 National PI: the Amplatzer PFO RESPECT Trial
- 2003-2008 Development of a non-implant closure of PFO, Cierra Inc
- 2004-present Development of percutaneous pulmonary valve: Edwards Life Sciences
- 2008-2009 National PI: Bivalirudin (Angiomax®) as a Procedural Anticoagulant in the Pediatric Population Undergoing Intravascular Procedures for Congenital Heart Disease

| | |
|--------------|---|
| 2008-present | <u>National PI:</u> Compassion Study: Implantation of the Sapien Transcatheter Heart Valve (THV) in the Pulmonic Position |
| 2008-present | <u>Principal Investigator:</u> GORE HELEX Septal Occluder and Antiplatelet Medical Management for Reduction of Recurrent Stroke or Imaging-Confirmed TIA in Patients with Patent Foramen Ovale (PFO) |
| 2009-present | <u>Principal Investigator:</u> EVEREST II: Real World Expanded Multicenter Study of the Mitraclip System (REALISM) |
| 2009-present | <u>Co- PI:</u> Calibration and Validation of a Non-Invasive Regional Oxygen Saturation Device to Measure Cerebral Oxygen Saturation in Neonates, Infants, and Children Undergoing Cardiac Catheterization |
| 2009-present | <u>Principal Investigator:</u> Explantation of Patent Foramen Ovale Devices (PFO) Closure Devices: A Retrospective Review |
| 2009-present | <u>Principal Investigator:</u> Comparison Between Surgical vs Balloon Angioplasty vs Intravascular Stent Placement for Recurrent or Native Coarctation of the Aorta |
| 2009-present | <u>Sub Investigator:</u> Closure of Atrial Septal Defects with the Amplatzer Septal Occluder Post Approval Study (ASD PMSII) |
| 2009-present | <u>Sub Investigator:</u> Closure of Muscular Ventricular Septal Defects with the Amplatzer Muscular VSD Occluder |
| 2010-present | <u>Principal Investigator:</u> Colibri Heart Valve Animal Lab |
| 2011-present | <u>Principal Investigator:</u> The PARTNER II Trial: Placement of Aortic Transcatheter Valves Trial, award \$427,000 |
| 2013-present | <u>Principal Investigator:</u> GORE Septal Occluder Clinical Study: A Study to Evaluate Safety and Efficacy in the Treatment of Transcatheter Closure of Ostium Secundum Atrial Septal Defects (ASDs). |
| 2019 | <u>Animal Research:</u> Elixir Medical, Sacramento, CA August 9 th , 2019. |

Patents:

Patents: Asymmetric Occluder Device 2014-12-04: US20140358180A1 Application
2018-09-04: [US10064612B2](#) Grant

PROCTORSHIP OF CORONARY STENTS

| | |
|-------------------|--|
| 4/19/95 - 4/21/95 | Dr. Antonio Colombo, Milan, Italy |
| 8/14/95 - 8/17/95 | Dr. Carlos Mauvecin, Dr. Gustavo Risau Military Hospital of Buenos Aires, Argentina |
| 08/16/95 | Dr. Jorge Belardi, Cardiovascular Institute of Buenos Aires, Argentina |
| 09/18/95 | Dr. Roberto Tartini, HerzZentrum, Hirslanden, Zurich |
| 09/19/95 | Dr. Dietmar Glogar, University of Vienna |
| 09/20/95 | Dr. Thierry Royer, Centre Cardiologique du Nord, France |
| 09/21/95 | Dr. Wolfgang Amann, University of Zurich |
| 10/07/95 | Dr. Alfredo Rodriguez, Sanatorio Anchorena |

| | | |
|----------|--|--|
| 10/10/95 | Dr. Jorge Leguizamon, Clinica Bazterrica | |
| 11/06/95 | Dr. Juan Delcan and Dr. Eulogio Garcia, Madrid | |
| 11/08/95 | Dr. Michel Bertrand and Dr. Christophe Bauters | |
| 11/10/95 | Dr. Bernhard Meier, Bern, Switzerland | |
| 01/15/96 | Dr. Brendan Foley, St. James Hospital, Dublin, Ireland | |
| 01/15/96 | Dr. Peter Crien, St. James Hospital, Dublin, Ireland | |
| 01/16/96 | Dr. Declan Sugrue, Mator Hospital, Dublin, Ireland | |
| 01/17/96 | Dr. Erbel Raimund, Essen, Germany | |
| 01/17/96 | Dr. Michael Haude, Essen, Germany | |
| 01/18/96 | Dr. Dieter Horstkotte, Freie University of Berlin, Germany | |
| 04/19/96 | Dr. Carlos Macaya, Madrid, Spain | |
| 04/22/96 | Dr. Michael Pieper, Herz-Zentrum Bodensee, Kreutzingen, Switzerland | |
| 04/22/96 | Professor O. Bertel, Stadtsptial Triemli, Zurich, Switzerland | |
| 04/23/96 | Dr. Jean Fajadet and Dr. Jean Marco, Clinique Pasteur, Toulouse, France | |
| 04/24/96 | Professor Goy and Dr. Stauffer, University of Lausanne, Lausanne, Switzerland | |
| 04/25/96 | Professor Mathias Pfisterer, University of Basel, Basel, Switzerland | |
| 04/26/96 | Dr. Philip Urban and Dr. Pascal Chetalain, University of Geneva, Geneva, Switzerland | |
| 05/27/96 | Dr. Elias M. Aayers Neto, Dr. J.A. Marin-Neto, and Dr. Jose Luis Dos Santos, University of Sao Paulo, Medical School of Ribeirao Preto, Brazil | |
| 05/28/96 | Dr. Nilton Carlos Spinola Machado, Director of Catheterization Lab, Instituto de Molestias Cardiovasculares (IMC), Sao Jose do Rio Preto, Brazil | |
| 05/29/96 | Dr. Costantino R. Costantini, Centro De Diagnose Cardiovascular Santa Casa De Misericordia De Curitiba, Brazil | |
| 07/12/96 | Dr. Lu Shuzheng, Beijing An-Zhen Hospital, China | |
| 07/15/96 | Dr. Chow Wing Hing, Grantham Hospital, Hong Kong | |
| | Dr. Wilson Chan, Prince of Wales Hospital, Hong Kong | |
| 07/16/96 | Dr. C.S. Chiang, Dr. K.C. Ho, Queen Elizabeth Hospital, Hong Kong | |
| 07/18/96 | Dr. Jose Armando Mangione, Dr. Gustavo Enrique Sanchez Alvarez, Dr. Adnan Ali Salman, Dr. Wilson Pimentel, Hospital Beneficencia Portuguesa, Sao Paulo, Brazil | |
| 07/19/96 | Dr. Siguemituzo Arie, Dr. Marco Antonio Perin, Instituto de Coracao, Sao Paulo, Brazil | |
| 09/28/96 | Dr. Luis Maria Yordi, Hospital Sao Francisco, Porto Alegre | |
| 10/01/96 | Dr. Eugenio Marchant, Catholic University of Chile, Santiago-Chile | |
| 10/02/96 | Dr. Hernan Chamorro, Dr. Carlos Dick. Clinica Santa Maria, Santiago-Chile | |
| 10/03/96 | Dr. Fernando Florenzano, Dr. Milton Alcaina, Clinica Las Condes, Santiago- Chile | |
| 10/03/96 | Dr. Adolfo Cosentino, British Hospital of Buenos Aires, Buenos Aires, Argentina | |
| 10/04/96 | Dr. Alberto Sampaolesi, Instituto Modelo de Cardiologia, Cordoba-Argentina | |
| 12/02/96 | Dr. Tiziano Moccetti, Ospedale Regionale Di Lugano, Lugano, Switzerland | |
| 12/07/96 | Dr. Upendra Kaul, All India Heart Institute, New Delhi, India | |
| 12/09/96 | Drs. A. Mehta and Mardikar, Lokmanya Tilak Municipal Medical College & Lokmanya Tilak Municipal General Hospital, Sion, Bombay, India | |
| 12/12/96 | Dr. Prafulla G. Kerkar, King Edward VII Memorial Hospital, Bombay, India | |
| 02/20/97 | Dr. Juan Angel, Servei de Cardiologia-Hemondinamica. Hospital General Universitari Vall d'Hebron, Barcelona, Spain | |

| | |
|----------|--|
| 04/28/97 | Dr. Humberto Dighero and Dr. Augusto Bellet. Hospital San Juan de Dios, Santiago, Chile. |
| 04/29/97 | Drs. Mauricio Aninat, Humberto Torres, Salvador Villablanca, Hospital Gustavo Fricke, Vin del Mar-Chile. |
| 06/16/97 | Dr. Hazem El-Guindi and Dr. M. Sherif Mokhtar, Misr International Hospital, and Cairo University Hospital Cairo-Egypt. |
| 07/01/97 | Drs. Yousef Goussous, Aktham Hiari and Ibrahim Abu Ata. Queen Alia Heart Institute, Amman-Jordan. |
| 07/29/97 | Dr. Eduordo Nicolela & Dr. Fernando Devito, Hospital Santa Casa, Piracicaba-Brazil |
| 08/04/97 | Dr. Wilson Miguel Cecim Coelho, Instituto de molestias cardiovasculares, S.J. Rio Preto-SP-Brazil |
| 08/05/97 | Dr. Expedito da Silva, Hospital Unicor, Sao Paulo-Brazil |
| 08/06/97 | Drs. Eulogio Martinez & Miguel Antonio Rati, Instituto de Coracao, Sao Paulo-Brazil |
| 08/07/97 | Dr. Eduardo Sousa, Dante Pazzanese, Sao Paulo-Brazil |
| 10/31/97 | Dr. Pedro Hidalgo, Dr. Pablo Diaz, Clinica Falcon, Maracaibo, Venezuela |
| 02/11/98 | Dr. Jose Lopez, Military Hospital, Quito-Ecuador |
| 02/12/98 | Dr. Ricardo Ortiz, Hospital Luis Vernaza, Guayaquil, Ecuador |
| 02/13/98 | Dr. Raul Intriago Lopez, Clinica Guayaquil, Guayaquil-Ecuador |
| 11/30/98 | Dr. Marcus de Gamma, Dr. Marco Perin. Incor Hospital, Sao Paulo, Brasil |
| 12/01/98 | Dr. Jose Mangione, Dr. Adnan Salman, Dr. Wilson Pimentel, Dr. Jorge Buchler. Hospital Beneficencia Portuguesa. Sao Paulo, Brasil |
| 12/02/98 | Dr. Jose Augusto, Dr. Marconi. University of Sao Paulo, Sao Paulo, Brasil |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF PDA

| | |
|----------|---|
| 01/28/95 | Dr. M. Kanakriyeh, University of California, Irvine, CA |
| 02/08/95 | Dr. W. Hamilton, Maine Medical Center, Portland, Maine |
| 10/01/96 | Dr. Phillipe Heuser, Catholic University of Chile, Santiago-Chile |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF PDA USING ADO

| | |
|----------|--|
| 6/18/97 | Dr. Yousef Goussous, Dr. Aktham Hiari, Dr. Ibrahim Abu Ata, Dr. Fakhri Hakeem. Queen Alia Heart Institute, Amman-Jordan |
| 10/31/97 | Dr. Pedro Hidalgo, Dr. Pablo Diaz, Clinica Falcon, Maracaibo, Venezuela |
| 04/21/98 | Drs. Maurice Leung, KT Chau, R Cheung. Grantham Hospital, University of Hong Kong, Hong Kong |
| 05/25/98 | Dr. Valmir Fernandes Fontes, Dr. Cèsar Augusto Esteves, Dr. Sèrgio Luiz Navarro Braga, Dr. Carlos Augusto Cardoso Pedra. Instituto “Dante Pazzanese” de Cardiologia, Sao Paulo, Brazil |
| 07/28/98 | Dr. Horacio Faella, Instituto de Cardiologi Hospital Espanol de Buneos Aires, Buenos Aires - Argentina |
| 07/31/98 | Dr. Pedro Duhagon, Dr. Roberto Canessa, Instituto de Cardiologia Infantil, Ospedale Italiano Umberto Montevideo-Uruguay |

| | |
|--------------|--|
| 09/11/98 | Satinder K Sandhu, MD. St. Christopher Hospital for Children's, Philadelphia, PA |
| 10/02/98 | Dr. Bharat Dalvi, Joslak Hospital, Mumbai, India |
| 11/22-25/98 | Drs. Andrej Robida and Vladimir Bricelj, Hamad General Hospital, Doha-Qatar |
| 01/29/99 | Dr. Thomas Zellers, University of Texas, SouthWest. Dallas, Texas |
| 02/04/99 | Dr. Carlos Carvahalo and Dr. Cecilia, Escola Paulista de Medicina, University de Dao Paulo. Sao Paulo, Brasil. |
| 04/27/99 | Dr. Jou-Kou Wang, National Taiwan University Hospital, Taipei, Taiwan |
| 05/19/99 | Dr. Fadel Al-Fadley. King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia |
| 06/23/99 | Dr. Alpay Celiker, Hacettepe University Medical School, Ankara, Turkey |
| 11/22/99 | Dr. Subramanyan, Royal Hospital, Ministry of Health, Sultanate of Oman |
| 1/24/00 | Dr. Vijayalakshmi, Sri Jayadeva Institute of Cardiology, Bangalore, India. |
| 1/25-26/00 | Dr. D. Seshagiri Rao, Nizam's Institute of Medical Sciences, Hyderabad, India. |
| 1/27/00 | Dr. Sameer Dani, U. N. Mehta Institute of Cardiology & Research Centre, Ahmedabad, India. |
| 1/29/00 | Dr. S. K. Gupta, Indraprastha Apollo Hospital, New Delhi, India |
| 2/8/00 | Dr. Daniel Miga, Cook Children's Medical Center, Fort Worth, TX |
| 2/11/00 | Dr. David Balzer, St. Louis Children's Hospital, St. Louis, MO |
| 2/22/00 | Dr. Mark Hoyer, University of Florida, Gainesville, FL |
| 3/20/00 | Dr. Makram Ebeid, University of Mississippi, Jackson, MS |
| 4/11/00 | Dr. William Hellenbrand, Robert Pass and Daphne Hsu, New York – Presbyterian Hospital, Columbia Campus, New York, NY |
| 4/29-30/00 | Dr. Abdi, Martyr Rajaie Cardiovascular Research & Education Medical Center, Tehran-Iran. |
| 6/19/00 | Drs. Wagar Ahmed and Khalid Shaibi, King Fahd Armed Forces Jhospital, Jedda, Saudi Arabia |
| 1/13-1/14/01 | Drs. Zuhair I. Mahmoud and Hussein Al-Abdalla, Saddam Center for Cardiac Surgery, Baghdad, Iraq |
| 1/15/01 | Dr. Talib Majwal, The Iraqi Center for Heart Disease, Baghdad, Iraq |
| 8/11-12/01 | Dr. Khaled Salaymeh, Islamic Hospital, Amman-Jordan |
| 5/24/05 | Dr. Mark Tannenbaum, Iowa Heart Center, Des Moines, IA |
| 3/14/06 | Dr. PeterCasterella, Utah Heart Clinic, Salt Lake City, UT |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF ASD USING ASO

| | |
|----------|--|
| 04/30/97 | Dr. Alberto Sampoalesi. Instituto Modelo de |
| 06/18/97 | Dr. Yousef Goussous, Dr. Aktham Hiari, Dr. Ibrahim Abu Ata, Dr. Fakhri Hakeem. Queen Alia Heart Institute, Amman-Jordan |
| 07/30/97 | Dr. Ricardo Sarmiento, Hospital Frances, Buenos Aires-Argentina |
| 08/02/97 | Dr. Alberto Tamashiro, Hospital Nacional Prof. Dr. Alejandro Posados, Argentina |
| 08/25/97 | Dr. Wolfgang Radtke, S.C. Children's Heart Center, Medical University of So. Carolina, Charleston, SC |
| 08/30/97 | Dr. Horacio Faella, Instituto de Cardiologia Hospital, Espanol de Buenos Aires, Buenos Aires-Argentina |
| 08/31/97 | Dr. Pedro Duhagon, Dr. Roberto Canessa, Instituto de Cardiologia Infantil, Ospedale Italiano Umberto. Montevideo-Uruguay |
| 09/02/97 | Dr. Mollon Pedro, Dr. Ricardo Gamboa, Instituto de Cardiologia y Cirugia Cardiovascular. Fundacion Favaloro, Buenos Aires, Argentina |
| 10/13/97 | Dr. Valmir Fernandes Fontes, Dr. Cesar Augusto Esteves, |

| | |
|--------------|--|
| | Dr. Sergio Luiz Navarro Braga, Dr. Carlos Augusto Cardoso Pedra, Dr. Jorge Eduardo Assef, Dr. Simone Pedra Fontes, Instituto "Dante Pazzanese" de Cardiologia, Sao Paulo, Brazil |
| 10/31/97 | Dr. Pedro Hidalgo, Dr. Pablo Diaz, Clinica Falcon, Maracaibo, Venezuela |
| 04/09/98 | Dr. Thomas Doyle, Vanderbilt University Medical Center, Nashville, TN |
| 04/20-21/98 | Drs. Maurice Leung, KT Chau, R Cheung. Grantham Hospital, University of Hong Kong, Hong Kong |
| 04/27/98 | Dr. Makram Ebeid, University of Mississippi Medical Center, Jackson, MS |
| 05/06/98 | Dr. Ali Halabi, Arab Center For Cardiac & Special Surgery, Amman, Jordan |
| 06/25/98 | Dr. Daphne Hsu, Columbia University, Babie Hospital, New York, NY |
| 09/29/98 | Drs. Usha Krishnan, Maully Shah, Madras Medical Mission cardiovascular research center, Chennai, India |
| 10/2-3/98 | Dr. Bharat Dalvi, Joslak Hospital, Mumbai, India |
| 10/26-27/98 | Dr. Teiji Akagi, Kurume University, Kurume, Japan |
| 10/29-30/98 | Dr. Oho, National Children's Hospital, Tokyo, Japan |
| 11/13/98 | Dr. John P. Cheatham, Children's Hospital, University of Nebraska, Omaha, NE |
| 11/22-25/98 | Drs. Andrej Robida and Vjladimir Bricelj, Hamad General Hospital, Doha-Qatar |
| 11/30/98 | Dr. Luiz Kajita, Incor Hospital. Sao Paulo, Brasil. |
| 02/04/99 | Dr. Carlos Carvahalo and Dr. Cecilia, Escola Paulista de Medicina, University de Sao Paulo. Sao Paulo, Brasil. |
| 4/4-4/5/99 | Drs. Lulu Abushaban, Babu Uthaman and Jiri Endrys. Chest Diseases Hospital, Kuwait City, Kuwait |
| 5/10/99 | Dr. Felipe Heusser, Catholic University, Santiago, Chile |
| 5/11/99 | Dr. Leopold Romero, Luis Calvo Mackenna Hospital, Santiago, Chile |
| 6/21-24/99 | Dr. Alpaz Celikar and Dr. Arman Belgic, Hacettepe University Medical School, Ankara, Turkey |
| 11/23/99 | Dr. Subramanyan, royal Hospital, Ministry of Health, Sultanate of Oman |
| 1/24/2000 | Dr. Vijayalakshmi, Sri Jayadeva Institute of Cardiology, Bangalore, India. |
| 1/25-26/200 | Dr. D. Seshagiri Rao, Nizam's Institute of Medical Sciences, Hyderabad, India. |
| 4/29-30/2000 | Dr. Abdi, Martyr Rajaie Cardiovascular Research & Education Medical Center, Tehran-Iran. |
| 5/15/2000 | Dr. Nazan Ozbarlas, Cukurova University Hospital, Adana-Turkey. |
| 5/16/2000 | Drs. Adnan Akcoral, Gul Sayin Saglam, Nurettin Unal. 9 Eylul University Hospital, Izmir-Turkey. |
| 5/17/2000 | Dr. L. Saltik, Haseki Cardiology Institute, Istanbul-Turkey. |
| 6/5/2000 | Dr. Frank Ing, San Diego Children's Hospital, San Diego, CA. |
| 6/19/2000 | Drs. Wagar Ahmed and Khalid Shaibi, King Fahd Armed Forces Jhospital, Jedda, Saudi Arabia |
| 8/14-15/2000 | Dr. Marwan Shamy, Damascus University, Damascus, Syria |
| 12/2/00 | Dr. Nina Sandhu, Louisiana State University, Children's Hospital, New Orleans, LA |
| 1/13-1/14/01 | Drs. Zuhair I. Mahmoud and Hussein Al-Abdalla, Saddam Center for Cardiac Surgery, Baghdad, Iraq |
| 1/14/01 | Dr. Talib Majwal, The Iraqi Center for Heart Disease, Baghdad, Iraq |
| 1/16/01 | Dr. Ahmad Zaghal, Jordan University Hospital, Amman, Jordan |
| 2/2/01 | Dr. Richard Smalling, University of Texas, Houston, TX |
| 2/14-2/15/01 | Dr. Waqar Ahmed, Armed Forces Institute of Cardiology and National Institute of Heart Diseases, Rawalpindi, Pakistan |
| 1/8/02 | Dr. William Hellenbrand, Columbia University, Babies Hospital, New York, NY |
| 1/18/02 | Dr. Mark Tannenbaum, Iowa Heart Centers, Des Moines, IA |
| 2/12/02 | Drs. James Lock, Michael Landzberg, Peter Lang, Stanley Perry, Children's Hospital, Boston, MA |

| | |
|--------------|---|
| 6/20/02 | Drs. Andrew Lashus and Deb Schutte, Cook Children's Heart Center, Fort Worth, TX |
| 7/2/02 | Dr. Farhouch Berdjis, St. Joseph Hospital, Orange, CA |
| 8/12-14/02 | Dr. Khaled Salaymeh, Islamic Hospital, Amman-Jordan |
| 10/1/02 | Dr. Rajiv Verma, Children's Hospital at Beth Israel Medical Center, Newark, NJ |
| 1/29/03 | Dr. Taleb Majwal, Iraqi Heart Center, Baghdad, Iraq |
| 1/30/03 | Drs. Zuhair and Hussein, Saddam Heart Center, Baghdad, Iraq |
| 7/16&7/18/03 | Dr. Mohammad Kanakriyeh, Loma Linda Medical Center, Loma Linda, CA |
| 11/4/03 | Dr. Nicolas Shammam: Genesis Cardiac Center, Davenport, IA |
| 8/8-9/05 | Satoshi Yazaki, MD, National Cardiovascular Center, Osaka, Japan |
| 8/10-11/05 | Toshiki Kobayashi, MD, Saitama Medical School, Saitama, Japan |
| 8/12/05 | Shinichi Ohtsuki, MD, Okayama Medical School, Okayama, Japan |
| 8/29-30/05 | Mark Furman, M.D., University of Massachusetts Memorial Medical Center, Worcester, MA |
| 2/27/06 | Mark Furman, M.D., University of Massachusetts Memorial Medical Center, Worcester, MA |
| 8/14/06 | Levent Saltik, M.D., Istanbul University, Istanbul, Turkey |
| 8/15/06 | Levent Saltik, M.D., Anadolu Medical Center, Istanbul, Turkey |
| 8/16-18/06 | Salem Rahouma, M.D., Benghazi Center for Cardiology and Cardiac Surgery, Benghazi, Libya |
| 1/16/07 | William Martin, MD, Good Samaritan Hospital, Cincinnati, OH |
| 1/18/07 | Simulation Proctor for ASD: 1) Dr. Sandesh Patil, MD; 2) Dr. Kathleen Braddy; 3) Dr. Shafiq Mamdani; 4) Dr. Spencer Palmer, Atlanta, GA |
| 3/26/08 | Dr. Olaf Franzen, University of Hamburg, Hamburg, Germany |
| 3/27/08 | Dr. Adel Aboushi, Kinikum Herford, Herford, Germany |
| 7/7/09 | Dr. A. Donti, Sant' Orsola University, Bologna, Italy |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF ASD USING ASD WITH CONTINUOUS INTRA-CARDIAC ECHOCARDIOGRAPHIC (ICE) MONITORING

| | |
|--------------|---|
| 12/17/01 | Dr. Mark Reisman, Swedish Medical Center, Seattle, WA |
| 2/1/02 | Dr. David Wax, Children's Memorial Hospital, Chicago, IL |
| 2/22/02 | Dr. Richard Smalling, University of Texas, Houston, TX |
| 3/20/02 | Dr. Deepak Kholwadwala, Long Island Jewish Hospital, Long Island, NY |
| 3/28-29/02 | Drs. Jeffrey Feinstein and Stanley Perry, Stanford University, Palo Alto, CA |
| 4/19/02 | Drs. Steve Ramee, Steve Jenkins and Sam Lucas, Oschner Clinic, New Orleans, LA |
| 4/23/02 | Drs. Stephen Pophal, Clifford J. Kavinsky, Rush Presbyterian St. Luke's Hospital, Chicago, IL |
| 4/26/02 | Dr. Felipe Heusser, Catholic University, Santiago-Chile |
| 5/3/02 | Drs. David Muller and David Baron, St. Vincent hospital, Sydney-Australia |
| 5/14/02 | Drs. Stephen Pophal, Clifford J. Kavinsky, Rush Presbyterian St. Luke's Hospital, Chicago, IL |
| 5/15&5/17/02 | Drs. Saibal Kar, Neil Eigler and Raj Makkar, Cedar Sinai Hospital, Los Angeles, CA |
| 7/25/02 | Dr. Ernest Siwik, Case Western Reserve University, Cleveland, OH |
| 9/12/02 | Dr. Michael Florentine, De Voss Children's Hospital, Grand Rapids, MI |
| 10/10/02 | Dr. Michael Florentine, De Voss Children's Hospital, Grand Rapids, MI |
| 1/27/04 | Dr. Mark Kozak, Dr. Howard Weber, Penn State, Hershey, PA |
| 11/18/15 | Dr. Francois Godart, Centre Hospitalier Regional Universitaire de Lille |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF MUSCULAR VSD USING AMPLATZER VENTRICULAR SDO

| | |
|-----------|---|
| 07/12/98 | Dr. Yousef Goussous, Dr. Fakhri Hakeem. Queen Alia Heart Institute Amman-Jordan |
| 05/19/99 | Dr. Fadel Al-Fadley. King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia |
| 05/20/99 | Dr. Jasim Abdelhamid. Prince Sultan Cardiac Center, Riyadh, Saudi Arabia. |
| 06/22/99 | Ankara, Turkey Dr. Alpay Celikar and Dr. Arman Belgic, Hacettepe University Medical School. |
| 5/17/2000 | Dr. L. Saltik, Haseki Cardiology Institute, Istanbul-Turkey. |
| 5/20/2000 | Dr. Horst Sievert, Bethanien Hospital, Frankfurt-Germany |
| 9/25/2001 | Dr. Han Ling. Anzhen Hospital, Beijnin, China |
| 2/8/02 | Dr. Satainder Sandhu, Louisiana Children's Hospital, New Orleans, LA |
| 12/19/02 | Dr. Jack Gutman, St. Vincent's Hospital, Melbourne, Australia |
| 5/2-3/05 | Dr. Alpay Celiker: Hacettepe University, Ankara, Turkey |
| 5/11/05 | Dr. Jack Rome, Children's Hospital of Philadelphia, Philadelphia, PA |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF MEMBRANOUS VSD USING AMPLATZER VENTRICULAR SDO

| | |
|-------------|--|
| 4/6-10/02 | Dr. Fakhri Hakim, Dr. A. Abu Haweleh, Dr. Awni Madani. Queen Alia Heart Institute, Amman, Jordan (membranous VSD) |
| 5/7/02 | Dr. John P. Cheatham, Nemours Cardiac Center at Arnold Palmer Hospital for Women and Children (membranous VSD) |
| 8/13-15/02 | Dr. Khaled Salaymeh, Islamic Hospital, Amman-Jordan (membranous VSD) |
| 10/15-16/02 | Drs. Kevin Walsh and Paul Zouliszk, Our Lady's Hospital for Sick Children, Dublin, Ireland (membranous VSD) |
| 10/17/02 | Dr. Neil Wilson, Royal Hospital for Sick Children, Glasgow, Scotland (membranous VSD) |
| 10/18/02 | Dr. Philipp Bonhoeffer, Great Ormond Street Hospital for Children, London, England (membranous VSD) |
| 12/16-18/02 | Drs. James Wilkinson, Brodie Knight, TH Goh, Royal Children's Hospital, Melbourne Australia |
| 12/19/02 | Drs. Rick Harper and David McGaw, Monash Medical Center, Melbourne, Australia |
| 12/20/02 | Dr. Tony Walton, Alfred Hospital, Melbourne, Australia |
| 1/7/03 | Drs. Michael Rigby, Michael Mullen, Alan McGee, The Royal Brompton Hospital, London, UK |
| 1/9-10/03 | Drs. Joseph DeGiovanni, Paul Miller and Paul Cleft. Birmingham Children's Hospital and Queen Elizabeth University Hospital, Birmingham, UK. |
| 1/26-27/03 | Drs. Assad Alhroob and Mohammed Numan. Hamad Medical Corporation, Doha-Qatar |
| 1/29/03 | Dr. Taleb Majwal, Iraqi Heart Center, Baghdad, Iraq |
| 2/22/03 | Dr. James Thompson, Inova Fairfax Hospital, Falls Church, Virginia |
| 2/28-3/2/03 | Dr. Bharat Dalvi, Glenmark Hospital, Mumbai, India |
| 6/18/03 | Dr. Eustaquio Onorato, Humanitas Gavazzeni Medical Center, Bergamo, Italy |
| 6/19-21/03 | Dr. Horst Sievert, Hospital Bethanien, Frankfurt, Germany |
| 7/11/03 | Dr. Larry Latson, Cleveland Clinic, Cleveland, OH |
| 7/28-29/03 | Drs. Luigi Ballerini and Paolo Giaconne, Bambinu Gesu Hospital, Rome, Italy. |
| 7/30/03 | Dr. Jean Francois Piechaud, Institut Jacque Cartier, Massy, France |
| 11/17/03 | Dr. Carlos Zabala Cerdera. Instituto Nacional De Cardiologia Ignacio Chavez. Mexico City, Mexico |
| 12/10-11/03 | Drs. Andrew Tometzki and Rob Martin, University Hospital Birmingham NJS Trust, Birmingham, England |
| 12/16/03 | Dr. John Cheatham, The Heart Center of Columbus Children's Hospital, Columbus, OH |
| 2/2-2/3/04 | Dr. Jose Suarez De Lezo, Hospital Reina Sofia, Cordoba, Spain |
| 4/8/04 | Dr. Wei Gao, Shanghai Children's Hospital, Shanghai, China |
| 6/14-15/04 | Dr. Mazeni Alwi, Institut Jantung Negara, Kuala Lumpur, Malaysia, |

| | |
|-------------|---|
| 6/16/04 | Dr. William Yip, Gleneagles Hospital, Singapore |
| 8/2/04 | Dr. Horacio Faella, Garrahan Hospital, Buenos Aires, Argentina |
| 8/2&8/6/04 | Dr. Miguel Granja, Garrahan Hospital and Italian Hospital, Buenos Aires, Argentina |
| 8/2&8/6/04 | Dr. Ricardo Gamboa and Dr. Pedro Mollon, Fundacion Favaloro, Buenos Aires, Argentina |
| 8/3/04 | Dr. Alejandro Peirone and Luis Alde, Privado Hospital de Corodoba |
| 12/7/04 | Drs. Darren Walters & Con Aroney, Prince Charles Hospital, Brisbane, Queensland, Australia. |
| 12/8/04 | Drs. Steven Cooper & Gary Sholler, Westmead Children's Hospital, Sydney, New South Wales, Australia |
| 12/10/04 | Dr. Luigi D'Orsogna, Princess Margaret Hospital, Perth, Western Australia, Australia |
| 12/13-15/04 | Drs. Nigel Wilson & Thomas Gentle, Starship Hospital, Auckland, New Zealand |
| 1/22-23/05 | Dr. Abdi, National Heart Center, Tehran, Iran |
| 1/27-28/05 | Dr. KY Wong, KKH Hospital, Singapore |
| 11/22/05 | Dr. Stephen Pophal, Children's Memorial Hospital, Chicago, IL |
| 12/4-6/05 | Drs. Babu Uthaman and Lulu Abushaban, Chest Disease Hospital, Kuwait |
| 1/3/06 | Dr. Fred Leya, Loyola University, Maywood, IL |

PROCTORSHIP OF PERVENTRICULAR VSD DEVICE CLOSURE

| | |
|--------|---|
| 3/7/08 | Dr. Steve Pophal and Dr. John Nigro, St. Joseph Medical Center, Phoenix, AZ |
| 2/2/11 | Dr. Steve Pophal and Dr. John Nigro, St. John Hospital, Phoenix, AZ |

PROCTORSHIP OF TRANSCATHETER CLOSURE OF PFO USING ASO

| | |
|---------|--|
| 11/7/00 | Dr. Richard Smalling, University of Texas Health Science Center, Houston, TX |
| 7/1/02 | Dr. Farhouch Berdjis, Children's Hospital of Orange County, California |
| 7/1/03 | Dr. Joseph Battaglia, Crouse Hospital, Syracuse, NY |
| 4/18/06 | Dr. Juan Weksler, Indianapolis, IN |

ASD PROCTORSHIP WITH ANGEL WINGS DEVICE

| | |
|----------|---|
| 04/15/96 | Dr. Luigi Ballerini, Hospital Bambino Gesù, Rome, Italy |
|----------|---|

PROCTORSHIP OF PERCUTANEOUS PULMONARY VALVE IMPLANTATION WITH EDWARDS SAPIEN THV

| | |
|----------|---|
| 5/21/09 | Dr. John Rhodes, Duke University, Durham, NC |
| 6/23/09 | Dr. Geoff Lane, Royal Children's Hospital, Melbourne, Australia |
| 7/14/09 | Dr. Michael Mullen, Royal Brompton Hospital, London, UK |
| 8/10/09 | Dr. Saibal Kar and Dr. Raj Makkar, Cedar Sinai Medical Center, Los Angeles, CA |
| 12/23/09 | Dr. Saibal Kar, Cedar Sinai Medical Center, Los Angeles, CA |
| 6/23/10 | Dr. Tarek Momenah, Prince Sultan Cardiac Centre, Riyadh, Saudi Arabia |
| 6/24/10 | Dr. Dietmar Schranz and Dr. Christian Jux, Zentrum fur Kinderkardiologie, Giessen, Germany |
| 6/25/10 | Dr. Marc Gewillig, University of Lueven, Belgium |
| 9/15/10 | Drs. Giacomo Pongiglione and Paolo Guccione, Bambino Gesù Hospital, Rome, Italy |
| 10/3/10 | Dr. Mansour AlJufan and Dr. Ahmed Alomrani, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia |
| 10/20/10 | Dr. Kevin Walsh, Our lady's Hospital for Sick Children, Dublin, Ireland |
| 12/24/10 | Dr. Mustafa Alqbandi, Chest Hospital, Kuwait City, Kuwait |
| 1/25/11 | Dr. Paolo Guccione, Bambino Gesù Hospital, Rome, Italy |
| 1/27/11 | Dr. Elchanan Bruckheimer, Schneider Children's Hospital, Pitach Tiqva, Israel |
| 6/2/11 | Dr. Jacek Bilakowski, Slaskie Centrum Chorob Serca, Zabrze, Poland |
| 6/13/11 | Dr. Evan Zahn, Miami Children's Hospital, Miami, FL |
| 7/14/11 | Dr. Julie Vincent, Columbia University Medical Center, NY, NY |

| | |
|------------|---|
| 8/12/11 | Dr. William E. Hellenbrand, Columbia University Medical Center, NY, NY |
| 9/27/11 | Dr. Kevin P. Walsh, Children's Hospital at Crumlin, Dublin, Ireland |
| 8/30-31/12 | Dr. Daniel Aguirre Nava, German Hospital, Santiago, Chile |
| 8/30/13 | Dr. Aimee Armstrong, University of Michigan, Ann Arbor, MI |
| 8/7/14 | Dr. Lynn Peng, Lucille Packard Children's Hospital of Stanford University. Palo Alto, CA |
| 4/28/17 | Drs. Oscar Mendiz and Dr. German Henestrosa, Hospital Fundacion Favalaro, Buenos Aires, Argentina |

PROCTORSHIP OF PERCUTANEOUS PULMONARY VALVE IMPLANTATION WITH VENUS P VALVE

| | |
|-------------|---|
| 3/28-29/16 | Drs. Francisco Garay and Danile Springmiller Hospital Clinico Universidad Catolica de Chile, Santiago-Chile |
| 10/26-28/17 | Drs. Damien Kenny & Kevin Walsh. Our Lady's Children's Hospital Crumlin, Dublin-Ireland |
| 3/22/18 | Dr. Jou-Kou Wang, National Taiwan University Children's Hospital, Taipei City, Taiwan |

MELODY VALVE (MEDTRONIC) IMPLANTATION

| | |
|---------|---|
| 6/16/10 | Peer-to-Peer Training: Melody Valve. Medtronic. |
|---------|---|

WORKSHOPS

1. Queen Alia Heart Institute, Amman - Jordan. July 12-15, 1998 and July 21-23, 1998
Device closure of cardiac defects
Stent implantation for coarctation
2. Cook Gianturco Grifka Vascular Occlusion Device for closure of PDA/vessels. Animal Lab, Boston, MA. Attended by 25 physicians. September 3, 1998
3. Transcatheter closure of ASD, VSD, and PDA. Queen Alia heart Institute, Amman-Jordan, April 6-8, 1999
4. Coarctation stenting. Queen Alia Heart Institute and Jordan Modern Hospital, Amman-Jordan, April 8, 1999
5. AGA Medical. Amplatzer PDA Occluder for Phase II Investigators. Chicago, IL, September 7, 1999
6. Transcatheter Closure of ASD/PDA with Amplatzer Devices. Royal Hospital, Sultanate of Oman, November 22-23, 1999.
7. Transcatheter Treatment of CHD (ASD closure, PDA Closure, Coarctation stenting, Coronary AVF) at Queen Alia Heart Institute, Amman, Jordan, November 24, 1999.

8. Transcatheter closure of ASD & PDA. Nizam's Institute of Medical Sciences, Hyderabad, India, 1/25-26/2000.
9. Hacettepe University Hospital: Drs. Arman Bilgic and Alpay Celiker. Catheter Closure of ASD Using the Amplatzer. Ankara, Turkey, May 14, 2000.
10. Tishrin University: PDA Closure. Damascus, Syria, August 16, 2000.
11. Catheter Intervention (ASD/VSD/PDA Closure). Queen Alia Heart Institute, Amman-Jordan, April 6-10, 2002.
12. Vascular Interventional Products, B Braun, Chicago, IL, June 24, 2002
13. Perimembranous VSD Closure: Royal Children's Hospital, Melbourne, Australia, December 16-18, 2002.
14. Perimembranous VSD Closure: Birmingham Children's Hospital and Queen Elizabeth University Hospital, Birmingham, UK, January 9-10, 2003.
15. Perimembranous VSD Closure: San Raffaele Hospital, Dr. Antonio Colombo, Milan, Italy, January 20, 2004.
16. Perimembranous VSD Closure. Children's Hospital of Fudan University, Shanghai, China. Sr. Sheng Feng and Dr. Liu Fong, October 18, 2004
17. Intracardiac echocardiography during ASD closure: Shanghai Cardiovascular Institute, Fudan University, Shanghai, China, October 20, 2004
18. Closure of ASD's & Coronary Fistulas, December 3rd, 2004, Dr. Alejandro Sciegata, British Hospital, Buenos Aires, Argentina.
19. Closure of PMVSD, December 6-7th, 2004, Dr. TH Goh, Royal Children's Hospital, Melbourne, Victoria, Australia.
20. **Workshop Septal Defect Closure:** Gleneagle Hospital, Dr. William Yip, January 26th, 2005, Singapore.
21. **Workshop Septal Defect Closure:** Sir Run Run Shaw Hospital, Honzhou, China, April 13th, 2005.
22. **Workshop Septal Defect Closure:** Dr. Yang Children's Hospital of Zhejiang University Shanghai Children's Medical Center, Shanghai, China, April 14th.
23. **Workshop Septal Defect Closure:** Dr. Gao Chest Hospital, Shanghai, China, April 15th.
24. **Workshop Septal Defect Closure:** Shanghai Institute of Cardiovascular Diseases, Shanghai, China April 15th, 2005.
25. Proctorship & Workshop on VSD's : Dr. Alpay Celiker: Hacettepe University, May 2-3, 2005.
26. Chest Hospital, Shanghai, China, October 31st, 2005.
27. Shanghai CHildren;s Medical Center, Shanghai, China, November 1, 2005.
28. Shanghai Instiute of Cardiology, Shanghai, China, November 2, 2005.

29. Sir Run Run Shaw Shospital, Hangzhou, China, November 2, 2005.
30. Army Medical Center, Hangzhou, China, November 2, 2005.
31. Hangzhou Children's Hospital, Hangzhou, China, November 3, 2005.
32. Chest Disease Hospital, Kuwait December 4-6th, 2005
33. Device Closure of Perimembranous VSD: State of the art. Anadolu Medical Center, Istanbul, August 15th, 2006
34. Coarctation Stenting, Dr. Barry Uretsky, University of Texas at Galveston, Galveston, TX, January 9, 2007
35. Transcatheter closure of ASD's: techniques, outcome and complications, Atlanta, GA, January 18, 2007
36. Workshop ASD and Coarctation Stenting: Cardiovascular Institute of Buenos Aires, Dr. Fernando Cura, July 2nd, 2007
37. Workshop. Turkey, Adana, Dr. Nazan Ozbarlas. August 2-3, 2007.
38. Workshop. South Africa, Johannesburg, Sunninghill Hospital, Dr. Jeffrey Harrisberg, August 6-8, 2007.
39. Workshop: VSD Closure; ASD Closure and Stenting of Coarctation and Pulmonary arteries. Chest Hospital, Kuwait, November 3-7, 2007. Physicians who participated: Drs. Lulu Abushaban, Babu Uthuman, Mustafa Abdulla, Muath Alanbaei and Amira Al-Hay
40. Workshop at Taichung Veterans General Hospital, Taichung, Taiwan, R.O.C. Dr. Ivan Fu, December 14th, 2007.
41. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, January 23, 2008
42. Workshop ASD & VSD closure: King Fahd Armed Forces Hospital, Dr. Waqar Ahmed and Dr. Khalid Shaibi. March 18th, 2008.
43. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, April 3, 2008
44. Workshop: Chest Hospital, Kuwait, Drs. Lulu Abushahban, Babu Uthaman, Mustafa Abdulla and Muath Alanbaei, April 6-8th, 2008.
45. Workshop: Al-Thawra Modern Hospital, Sanaa, Yemen, Drs. Hala Al-Kherbash and Mohammad Hammadi, April 11th, 2008.
46. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, August 13, 2008
47. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, October 2, 2008
48. Workshop: Chest Hospital, Kuwait City, Kuwait, Nov 2-6, 2008. The following doctors were trained: Lulu Abushahban, Babu Uthaman, Mustafa Abdulla & Muath Alanbaei

- Lecture: Interventional Therapies in Adults with COngenital heart Disease. Chest Hospital, Kuwait, Nov 4th, 2008.
49. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, January 22, 2009
 50. Workshop: National Heart Institute, Cairo, Egypt Feb 22nd, 23rd-2009. Dr. Ikram Masoud
 51. Workshop: Chest Hospital, Shanghai, Dr. Pan, April 20th, 2009.
 52. Workshop: Shanghai Children's Medical Center, Dr. Gao. April 21st, 2009.
 53. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, April 2, 2009
 54. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by St. Jude Medical. Rush University Medical Center, Chicago, IL, May 22, 2009
 55. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, July 22, 2009
 56. Workshop: Atrial Septal Defect Closure Course, Gore Helex Device. Evanston, IL August 24-25th, 2009.
 Lecture: ICE and imaging considerations. August 25th, 2009.
 Ask the experts panel discussion, August 24th, 2009
 Hands on demonstrations, August 24th, 2009
 Case review, August 25th, 2009.
 57. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, October 15, 2009
 58. Gore REDUCE Closing the Gap Roundtable workshop, Salt Lake City, Utah, October 16-17th, 2009.
 59. Workshop: Chest Hospital, Kuwait City, Kuwait, Nov 1-5th, 2009.
 60. Workshop on ASD Closure Using the Occlutech Device, Cairo, Egypt, January 10-13, 2010
 1. Cairo University-Kasr Aini: Dr. Sonia El-Saiedi, Dr. Rasha Ammar, Dr. Suleiman Gharib
 2. Ain Shams University-Demerdash: Dr. Maiy El Sayed
 3. National Heart Institute-Dr. Ikram Masoud, Dr. Baharia Khedr, Dr. Rania Abushokka
 61. Workshop: Atrial Septal Defect CLosure Course, Feb 18-19, 2010, Chicago-IL.
 Lectures:
 1. Clinical data review/sizing
 2. Imaging/ICE
 Live Cases: ASD Case and PFO case
 Animal Workshop
 62. Workshop in Kuwait, chest Hosptial, April 11-14th, 2010
 Lectures:
 1. Percutaneous pulmonary valve implantation, April 11th, 2010
 2. Mitral valve Therapies, April 12th, 2010.
 63. Gore Workshop: ASD CLosure: Animal and live cases. June 17-18, 2010
 Lectures:

1. Clinical Data of helex and sizing
2. ICE to guide SHD intervention

Live Cases: one ASD and one PFO closure.

Animal workshop: device deployment

64. A. workshop: Pulmonic Training and Proctoring for Edwards Sapien THV, Nyon, Switzerland, June 20-21, 2010.

Lecture:
 1. Keys to Clinical Success: Patient Screening, Heart Team Roles, room set up and equipment and procedure and techniques, 6/21/2010.
 2. Case Viewing: Lessons from challenging case: 6/21/2010
B. Proctorship of Edwards Sapien THV in Pulmonic Position:
 1. Dr. Tarek Momenah: Prince Sultan Cardiac Centre, Riyadh-Saudi Arabia, June 23rd, 2010.
 2. Dr. Dietmar Schranz and Dr. Christian Jux: Zentrum für Kinderkardiologie, Giessen, Germany, June 24th, 2010
 3. Dr. Marc Gewillig, University of Leuven, Belgium, June 25th, 2010
65. Animal Workshop: Edwards Lifesciences. July 29th, 2010
66. Workshop: Dr. Wu: Fudan University Children's Hospital, Pulmonary artery stenting/VSD closure. Shanghai, China, September 8th, 2010.
67. Workshop: Drs. Wei Gao and Yu: Shanghai Children's medical Center, Pulmonary artery/Coarctation stenting. Shanghai, China, September 10th, 2010.
68. FDA Workshop: Speaker: Optimizing Clinical Trial Design for the Development of pediatric Cardiovascular Devices, San Francisco, Sept 30th, 2010.
Lecture: Establishing performance Goals
69. Proctorship & Workshop: King Faisal Hospital and Research centre, Riyadh, Saudi Arabia. October 2nd, 2010.
Pulmonary valve implantation: Drs. Mansour Al-Joufan & Dr. Ahmed Alomrani.
70. Workshop: Atrial Septal Defect Closure Course, October 13-14th, 2010, Chicago.
Lectures:
 1. Clinical Data Review/Sizing
 2. Imaging/ICE
Live Cases: 2 ASD cases.
71. Workshop: Atrial Septal Defect Closure Course, W. L. Gore. 3/3-4/2011, Chicago.
Lectures:
 1. Gore Helex Device. 3/3/2011
 2. Narration of a live case from PICS-2010.
 3. Reduce Clinical Trial. 3/4/2011
Animal Lab workshop: ASD closure.
72. AcuNav Training Program-Workshop, Chicago, IL, April 21, 2011.
Lecture: Intracardiac Imaging in Interventional procedures.

- Live Cases: ASD Device closure under ICE guidance.
73. Workshop: Chest Hospital, Kuwait City, Kuwait, May 13-19, 2011.
 74. **Workshop:** Percutaneous pulmonary valve implantation: Slaskie Centrum Chorob Serca, Drs. Bilakowski & Colleagues, June 2nd, 2011.
 75. AcuNav training program, workshop, Chicago, June 23rd, 2011.
 Lecture: Intracardiac Imaging in Interventional Cardiac Procedures. June 23rd, 2011.
 Preclinical lab workshop ICE imaging.
 Live Cases: ASD device closure under ICE guidance.
 76. AcuNav training program, workshop, Chicago, October 5, 2011.
 Lecture: Intracardiac Imaging in Interventional Cardiac Procedures. October 5th, 2011.
 Preclinical lab workshop ICE imaging.
 Live Cases: ASD & PFO device closure under ICE guidance.
 77. Workshop: Helex Atrial Septal Defect Closure Course, W. L. Gore. 10/20-21/2011, Chicago.
 Lectures:
 1. Gore Helex Device. 10/20/2011
 2. Narration of a live case from TCT-2010. 10/21/11
 3. Hemodynamics/Rim Assessment/Imaging 10/21/11
 3. Reduce Clinical Trial. 10/21/2011
 Animal Lab workshop: ASD closure.
 78. AcuNav training program, workshop, Chicago, December 14th, 2011.
 Lecture: Intracardiac Imaging in Interventional Cardiac Procedures. December 14th, 2011.
 Preclinical lab workshop ICE imaging.
 Live Cases: ASD & PFO device closure under ICE guidance.
 79. Workshop: Chest Hospital, Kuwait City, Kuwait, December 18th-23rd, 2011
 80. ASD Closure at Ain Shams University, Cairo, Egypt. Dr. Maiy El Sayed. June 3rd, 2012.
 81. ASD Closure at Al Mansourah University, Mansourah, Egypt. Dr. Hala Masrafawi, June 4th, 2012.
 82. Workshop: AcuNav training Course: Biosense Webster, Chicago, IL June 14th, 2012.
 Lecture: Advanced ICE techniques.
 Animal Workshop and live cases.
 83. Workshop: Queen Alia Heart Institute, Royal medical Services, Amman-Jordan, June 17-18, 2012. Drs. Fakhri Hakim, Awni Madani and Abdelfatah Haweleh.
 84. Workshop: Bezmialem Univesity, Istanbul-Turkey, June 19th, 2012, Dr. Omer Goktekin.
 85. Workshop on Edwards percutaneous Pulmonary valve. Dr. Roberto Violini, Azienda Ospedaliera S.Camillo Forlanini, Rome Italy. July 2-4, 2012.
 86. Workshop: Shanghai Children's Medical Center, Shanghai, China, October 16th, 2012-Dr. Wei Gao.
 Lecture:

Percutaneous Pulmonary Valve Replacement: Chinese Society of Pediatric and Congenital heart Surgeons Annual meeting, Shanghai, China, October 16th, 2012.

87. Workshop: Fudan University Children' Hospital, Shanghai, China, October 17th, 2012, Dr. Wu
Lectures:
 1. Transcatheter treatment of coarctation of the aorta, Teda International Cardiovascular Disease Hospital, October 17th, 2012.
 2. Percutaneous pulmonary valve implantation, Teda International Cardiovascular Disease Hospital, October 17th, 2012.
88. Workshop: Teda International Cardiovascular Disease Hospital, Tianjin, China, October 18th-Drs. Zhang and Liu.
Lecture:
Interventional Valve Therapies in Adults with Congenital heart Disease. Chicago Adult Congenital heart disease Network, October 18th, 2012
89. Workshop: Chest Hospital, Kuwait City, Kuwait, November 18-22, 2012.
90. Workshop: Shanghai Children Medical Center, April 22nd, 2013.
91. Workshop/Live cases and FIM of Transcatheter pulmonary valve Implantation using Venus P Valve at Zhongshan Hospital, Fudan University, May 25th, 2013.
92. Workshop: Acu Nav Physician Peer Training: Interventional Cardiology. Sponsored by Biosense Webster. Rush University Medical Center, Chicago, IL, June 20, 2013
93. Workshop: Per Cutaneous Pulmonary Valve Using the Venus P Valve. Shanghai Fudan University, Zoungshan Hospital, January 15, 2014
94. Workshop: Transcatheter pulmonary valve implantation at the Royal Hospital, Muscat, Ministry of Health, Sultanate of Oman, Nov 12th, 2015.
 1. Lecture: Transcatheter pulmonary valve using the Edwards Sapien Valve
 2. Proctorship: Drs. Salim Al Maskary & Abdulla AL Furqani
95. Workshop: Transcatheter pulmonary valve replacement in patients with native RVOT using the Venus P valve. Queen Alia Heart Institute. Dr. Abdel FATAH Abu Haweleh. November 15, 2016.
96. Workshop: Paravalvar leak closure: Dr. Dany Youssef, Beirut Cardiac Institute, Beirut-Lebanon, October 20th, 2017.
97. Workshop: Transapical paravalvar mitral leak closure: American University of Beirut Medical Center (AUBMC), Dr. Fadi Sawaya, Nov 17, 2017.
98. Workshop: Venus P Valve: National Taiwan University Children's Hospital-Dr. Jou-Kou Wang, March 22, 2018.
99. Workshop: Proctorship Edwards Valve: Kuwait, Chest Hospital, Dr. Muath Alanbaei, November 7, 2018.
100. Workshop: Congenital heart Disease Interventions. Chest Hospital, Kuwait, April 21-24, 2019.
Physicians who participated:
Dr. Babu Uthuman, Dr. Mustafa Abdulla, Dr. Muath Alanbaei , Dr. John and Dr. Jafaar Hussein
101. Workshop: Venus P valve. Queen Alia Heart Institute, Drs. Abdelfattah Abu Haweleh and Dr. Issa Hijazi, June 16-17, 2019. Amman-Jordan.

102. Workshop-Proctor Edwards valve: Dr. SivaKumar: Madras Medical Mission, Chennai, India, September 20th, 2019. Lectures:
 1. Transcatheter pulmonary valve implantation: Step-by-step technique. Madras Medical Mission, Chennai-India, September 20th, 2019.
 2. Transcatheter pulmonary valve implantation: Complications encountered during and after the procedure. Madras Medical Mission, Chennai-India, September 20th, 2019.
103. Workshop at Chest Hospital, Drs. Mustafa Qabandi and Adnan Al-Hadlaq, March 11, 2020

INTERNET PARTICIPATION

1. Lecturer: Interventional Pediatric Cardiology: What Should we abandon and Continue to Use. 1st Virtual Congress of Cardiology, October, 1999 to March, 2000 on Internet, Federacion Argentina de Cardiologia.
2. Lecturer: Transcatheter Closure of Ventricular Septal Defect. 2nd Virtual Congress of Cardiology, September 1 to November 30, 2001 in International Congress of Cardiology on Internet, Federacion Argentina de Cardiologia.

GRANT SUPPORT -

BRSG# S07-RR05598-24, awarded by the biomedical research support program, division of research resources, NIH, amount: \$4,000, NEMC, 1991

PRINCIPAL CLINICAL AND HOSPITAL RESPONSIBILITIES

- | | |
|--------------|---|
| 1991-1999 | The principal interventional Pediatric Cardiologist Attending Pediatric Cardiologist, Division of Pediatric Cardiology, New England Medical Center, Boston, MA |
| 1999-2007 | Director, Section of Pediatric Cardiology, Director, Cardiac Catheterization Laboratory, The principal interventional pediatric cardiologist, University of Chicago, Chicago, IL |
| 2007-present | Director, Rush Center for Congenital and Structural Heart Disease, The principal interventional pediatric cardiologist, Rush University, Chicago, IL |

BIBLIOGRAPHY

MANUSCRIPTS

1. Black FL, Berman LL, Borgono JM, Capper RA, Carvalho AA, Collins C, Glover O, Hijazi Z, Jacobson DL, Lee JL, Libel M, Linhares AC, Mend CA, Zabel-Morris, Simoes E, Siqueira-Campos E, Stevenson J and Vecchi N. Geographic variation in infant loss of maternal measles antibody and in prevalence of rubella antibody. Amer J Epidemiol 1986; 124(3):442-452.
2. Hijazi Z, Keller MS, Gaudio KM, Siegel NJ. Transient renal dysfunction of the neonate. Pediatrics 1988; 82(6):929-30.
3. Hijazi ZM, Fahey JT, Kleinman CS, Hellenbrand WE. Balloon angioplasty for recurrent coarctation of aorta. Immediate and long term results. Circulation 1991; 84:1150-1156.
4. Hijazi ZM, Hellenbrand WE. The right ventricle in congenital heart disease. Cardiol Clinics 1992; 10(1):91-110.

5. Hijazi ZM, Rosenfeld LE, Copel JA, Kleinman CS. Amiodarone therapy of intractable atrial flutter in a premature hydropic neonate. *Pediatric Cardiol* 1992; 13:227-229.
6. Hijazi ZM, Fahey JT, Kleinman CS, Kopf GS, Hellenbrand WE. Hemodynamic evaluation before and after closure of fenestrated Fontan: An acute study of changes in oxygen delivery. *Circulation* 1992; 86:196-202.
7. Kopf GS, Kleinman CS, Hijazi ZM, Fahey JT, Dewar ML, Hellenbrand WE. Fenestrated Fontan operation with delayed transcatheter closure of atrial septal defect: Improved results in high-risk patients. *J Thorac Cardiovasc Surg* 1992; 103:1039-48.
8. Hijazi ZM, Aronovitz MJ, Marx GR, Fulton DR. Successful placement and re-expansion of a new balloon expandable stent to maintain patency of the ductus arteriosus in a newborn animal model. *J Invas Cardiol* 1993; 5:351-357.
9. Rhodes J, Udelson JE, Marx GR, Schmid CH, Konstam MA, Hijazi ZM, Bova SA, Fulton DR. A new noninvasive method for the estimation of peak dP/dt. *Circulation* 1993; 88:2693-2699.
10. Hijazi ZM. Heart Murmurs: Innocent or pathological. *Jordan Pediatric Alert* 1993; 6(3):4-6.
11. Hijazi ZM, Geggel RL. Results of Antegrade Transcatheter Closure of Patent Ductus Arteriosus Using Single or Multiple Gianturco coils. *Am J Cardiol* 1994; 74:925-929.
12. Hijazi ZM, Udelson JE, Snapper H, Rhodes J, Marx GR, Schwartz S, Fulton DR. Physiologic significance of chronic coronary aneurysms in patients with Kawasaki disease. *J Am Coll Cardiol* 1994; 24:1633-8.
13. Hijazi ZM, Geggel RL, Aronovitz MJ, Marx GR, Rhodes J, Fulton DR: A new low profile balloon atrial septostomy catheter: initial animal and clinical experience. *J Invasive Cardiol* 1994;6:209-12
14. Hijazi ZM, Cao QL, Geggel RL, Schwartz S, Marx GR, Rhodes J, Fulton DR, Pandian N. Acoustic quantification of left ventricular volumes and function in children with congenital heart disease: Comparison with cineangiography. *Echocardiography* 1995; 12(2):121-127
15. Hijazi ZM, Geggel RL, Aronovitz MJ, Marx GR, Rhodes J, Fulton DR. A new low profile balloon atrial septostomy catheter: Initial animal and clinical experience. *J Invas Cardiol* 1994; 6:209-212.
16. Hijazi ZM, Homoud M, Aronovitz MJ, Smith J, Faller GT. A new platinum balloon-expandable stent (Angiostent) mounted on a high pressure balloon: Acute and late results in an atherogenic swine model. *J Invas Cardiol* 1995;7:127-134
17. Hijazi ZM, Geggel RL. Balloon angioplasty for post-operative recurrent coarctation of the aorta. *J Interv Cardiol* 1995;8:509-16
18. Hijazi ZM, Geggel RL, Fadley F. Transcatheter closure of residual patent ductus arteriosus shunting after the Rashkind occluder device using single or multiple Gianturco coils. *Cathet Cardiovasc Diag* 1995;36:255-58
19. Hijazi ZM, Fadley F, Geggel RL, Marx GR, Galal O, Halees Z, Fulton DR. Stent implantation for relief of branch pulmonary artery stenosis: Immediate and short-term Results. *Cathet Cardiovasc Diag* 1996;38:16-23
20. Geggel RL, Hijazi ZM, Rhodes J. Interventional cardiac catheterization therapy for combined coarctation of the aorta and patent ductus arteriosus: Successful outcome in two infants. *Cathet Cardiovasc Diag* 1996;38:67-70

21. Galal OM, DeMoor M, Al-Fadley F, Hijazi ZM. Transcatheter closure of the patent ductus arteriosus: Comparison between the Rashkind occluder device and the antegrade Gianturco coils technique. *Am Heart J* 1996;131:368-73
22. Hijazi ZM. New Closure Devices for Left-to-Right Shunt. *Indian Heart J* 1996;48:119-123
23. Ruiz CE, Mullins CE, Rochini AP, Radtke WAK, Hijazi ZM, O'Laughlin MP, Boucek MM, Gillette PC, Hagler DJ. Core Curriculum for the Training of Pediatric Invasive/Interventional Cardiologists: Report of the Society for Cardiac Angiography and Interventions Committee on Pediatric Cardiology Training Standards. *Cath Cardiovasc Diag* 1996;37:409-424
24. Rhodes J, Hijazi ZM, Marx GR, Fulton, DR. Aerobic exercise function of patients with persistent coronary artery aneurysms secondary to Kawasaki disease. *Pediatr Cardiol* 1996;17:226-30
25. Hijazi ZM, Abu-Ata I, Marx GR. Clinical use of the DAS-Angel Wings occluder device in children. *Progress Pediatr Cardiol* 1996;6:169-76
26. Hijazi ZM, Lloyd TR, Beekman RH III, Geggel RL. Transcatheter closure with single or multiple Gianturco coils of patent ductus arteriosus in infants weighing ≤ 8 kg: retrograde versus antegrade approach. *Am Heart J* 1996; 132:827-35
27. Bulbul ZR, Fahey JT, Doyle TP, Hijazi ZM, Hellenbrand WE. Transcatheter closure of the patent ductus arteriosus: a comparative study between occluding coils and the Rashkind umbrella device. *Cathet Cardiovasc Diag* 1996;39:355-63
28. Hijazi ZM, Geggel RL. Transcatheter closure of patent ductus arteriosus using coils. *Am J Cardiol* 1997;79:1279-80
29. Hijazi, ZM, Geggel RL. Transcatheter closure of large patent ductus arteriosus (≥ 4 mm) with multiple Gianturco coils; immediate and mid-term results. *Heart* 1996;76:536-40
30. Hijazi, ZM, Abu Ata I, Kuhn MA, Cheatham JP, Latson L, Geggel RL. Balloon atrial septostomy using a new low profile balloon catheter: Initial clinical results. *Cath Cardiovasc Diag* 1997;40:187-190
31. Hijazi ZM, Geggel RL, Marx GR, Rhodes J, Fulton DR. Balloon angioplasty for native coarctation of the aorta: acute and mid-term results. *J Invas Cardiol* 1997;9:344-48
32. Hijazi ZM, Smith JJ, Fulton DR. Stent Implantation for coronary artery stenosis after Kawasaki disease. *J Invas Cardiol* 1997;9(8):534-36
33. Evangelista JK, Hijazi ZM, Geggel RL, Oates E, Fulton DR. Effect of multiple coil closure of patent ductus arteriosus on blood flow to the left lung as determined by lung perfusion scans. *Am J Cardiol* 1997;80:242-4
34. Magni G, Hijazi ZM, Pandian NG, Delabays A, Sugeng L, Laskari C, Marx GR. Two and three dimensional transesophageal echocardiography in patient selection and assessment of atrial septal defect closure by the new DAS-Angel Wings device. Initial clinical experience. *Circulation* 1997;96:1722-28
35. Geggel RL, Hijazi ZM. Reduced incidence of ventricular ectopy with 4F Halo catheter during pediatric cardiac catheterization. *Cath Cardiovasc Diag* 1998;43:55-57
36. Hijazi ZM. Coils for pulmonary arteriovenous malformations: Cheap and effective (Editorial). *Cath Cardiovasc Diag* 1997;42:290
37. Hijazi ZM. Interventionalists: Watch-out for coronary arterial anomalies in tetralogy of Fallot (Editorial). *Cathet Cardiovasc Diag* 1997;42-408

38. Hijazi ZM. Stenting for Postoperative Congenital Heart Disease in Infants. (Editorial) Cathet Cardiovasc Diag 1997;42:195
39. Rhodes J, Geggel RL, Marx GR, Bevilacqua L, Dambach YB, Hijazi ZM. Excessive anaerobic metabolism during exercise after repair of aortic coarctation. J Pediatr 1997;131:210-14
40. Masura J, Gavora P, Formanek A, Hijazi ZM. Transcatheter closure of secundum atrial septal defects using the new self-centering Amplatzer septal occlude: initial human experience. Cathet Cardiovasc Diagn 1997; 42:388-93
41. Allen HD, Beekman RH III, Garson A. Jr., Hijazi ZM, Mullins C, O'Laughlin MP, Taubert KA. Pediatric Therapeutic Cardiac Catheterization from the Council on Cardiovascular Disease in the Young. American Heart Association. Circulation 1998;97:609-25
42. Masura J, Gavora P, Formanek A, Hijazi ZM. Transcatheter Closure of Secundum Atrial Septal Defects Using the New Self-Centering Amplatzer Septal Occluder: Initial Human Experience. Cathet Cardiovasc Diag 1997;42:388-393
43. Berul CI, Hill SL, Geggel RL, Hijazi ZM, Marx GR, Rhodes J, Walsh KA, Fulton DR. Electrocardiographic markers of late sudden death risk in postoperative tetralogy of Fallot children. J Cardiovasc Electrophysiol 1997;8:1349-56
44. Hijazi ZM. Coil closure of the ductus and hemolysis: Strive to achieve complete closure (Editorial). Cathet Cardiovasc Diag 1998;43:54
45. Hakim F, Madani A, Samara Y, Ata IA, Hiari A, Goussous Y, Hijazi ZM. Transcatheter closure of secundum atrial septal defect in a patient with dextrocardia using the Amplatzer septal occluder. Cathet Cardiovasc Diag 1998;43:291-94
46. Masura J, Walsh KP, Thanopoulos B, Chan C, Bass J, Goussous Y, Gavora P, Hijazi ZM. Catheter closure of moderate-to large-sized patent ductus arteriosus using the new Amplatzer duct occluder: Immediate and short-term results. J Am Coll Cardiol 1998;31:878-82
47. Seth A, Salwan R, Chandra P, Hijazi ZM. Bailout bifurcation stenting involving AngioStent through the struts of AVE MicroStent. J Invas Cardiol 1997;9:590-92
48. Fontes VF, Pedra CAC, Pedra SRFF, Esteves CA, Braga SLN, Assef JA, Pntes Jr, SC, Santana MVT, Hijazi ZM. Experiencia inicial no fechamento percutaneo da comunicacao interatrial com a protese de Amplatzer. Arq Bras Cardiol 1998;30:147-53
49. Hijazi ZM. Coronary interventions in the pediatric patients: Team (adult and pediatric) approach (Editorial). Cathet Cardiovasc Diagn 1998;44:210-11
50. Rhodes J, Dave A, Pulling MC, Geggel RL, Marx GR, Fulton DR, Hijazi ZM. Effect of pulmonary artery stenoses on the cardiopulmonary response to exercise following repair of tetralogy of Fallot. Am J Cardiol 1998;81:1217-19
51. Hijazi ZM, Ahmad WH, Geggel RL, Marx GR. Intravascular ultrasound during transcatheter coil closure of patent ductus arteriosus: Comparison with angiography. J Invas Cardiol 1998;10:251-54
52. Hijazi ZM. Trancatheter coil closure of patent ductus arteriosus in small children: Does approach really matter? (editorial) Cathet Cardiovasc Diagn 1998;44:309
53. Hijazi ZM, Ahmad WH, Bova S, Rhodes J. Simultaneous transcatheter closure of two secundum atrial septal defects using the Amplatzer Septal Occluder. J Intervent Cardiol 1998;11:181-84

54. Hijazi ZM, Masura J. Reply to the letter to the editor by Abhaichand and Joseph. Cathet Cardiovasc Diagn 1998;44:456
55. Hijazi ZM, Hellenbrand WE. Frontiers in pediatric interventional cardiology. J Interv Cardiol 1998;11:287-88
56. Patel HT, Cao QL, Hijazi ZM. Balloon atrial septostomy: The oldest pediatric interventional procedure. J Interv Cardiol 1998;11:397-302
57. Ettinger L, Hijazi ZM, Geggel RL, Supran S, Cao QL, Schmid CH. Peripheral pulmonary artery stenosis: acute and mid-term results of high pressure balloon angioplasty. J Intern Cardiol 1998;11:337-344
58. Hijazi ZM. All roads lead to Rome: Which is the easiest and safest? Critical aortic valve stenosis in the neonate (editorial). Cathet Cardiovasc Diagn 1998;45:149-150
59. Hijazi ZM, Patel H, Cao QL, Warner K. Transcatheter retrograde radiofrequency perforation of the pulmonic valve in pulmonary atresia with intact ventricular septum using a 2 French catheter. Cathet Cardiovasc Diagn 1998;45:151-154
60. Hakim F, Madani A, Goussous Y, Cao QL, Hijazi ZM. Transcatheter closure of a large coronary arteriovenous fistula using the new Amplatzer™ duct occluder. Cathet Cardiovasc Diagn 1998;45:155-157
61. Hijazi ZM, Ruiz CE, Patel H, Cao QL, Dorros G. Catheter therapy for Fontan baffle obstruction and leak using an endovascular covered stent. Cathet Cardiovasc Diagn 1998;45:158-161
62. Pedra CAC, Fontes-Pedra SRF, Esteves CA, Assef J, Fontes VF, Hijazi ZM. Multiple atrial septal defects and patent ductus arteriosus: Successful outcome using two Amplatzer septal occluders and Gianturco coils. Cathet Cardiovasc Diagn 1998;45:257-59
63. Hijazi ZM. Transcatheter closure of ventricular septal defects: Are we there yet? (Editorial). Cathet Cardiovasc Diagn 1999;46:49-50
64. Hijazi ZM. Measurement of the stretched diameter of atrial septal defects. (Editorial) Cathet Cardiovasc Diagn 1999;46:58
65. Hijazi ZM. Choice of venous access for cardiac catheterization in patients with congenital heart disease (Editorial). Cathet Cardiovasc Intervent 1999;46:193.
66. Hijazi ZM: Coronary arterial stenosis after Kawasaki disease: role of catheter intervention. Catheter Cardiovasc Interv 1999;46:337
67. Patel HT, Hijazi ZM. Balloon dilation of discrete subaortic stenosis: Are we postponing the inevitable? (Editorial). J Invas Cardiol 1999; 11:195-96
68. Hijazi ZM, Cao QL, Patel H, Rhodes J. Transcatheter closure of atrial communications using the Amplatzer Septal Occluder. J Interv Cardiol 1999; 12:51-58
69. Hakim F, Hawelleh AA, Goussous Y, Hijazi ZM. Simultaneous stent implantation for coarctation of the aorta and closure of patent ductus arteriosus using the Amplatzer™ duct occluder. Cathet Cardiovasc Intervent 1999;47:36-38
70. Behrman RB, Hijazi ZM. Radiation risks to the patients and interventionalists: risk reduction. Cathet Cardiovasc Intervent 1999;47:455-56
71. Patel HT, Cao QL, Rhodes J, Hijazi ZM. Long-term outcome of transcatheter coil closure of small to large patent ductus arteriosus. Cathet Cardiovasc Intervent 1999;47:457-61

72. Zhu W, Cao QL, Hijazi ZM. Transcatheter closure of a large residual shunt after deployment of the Das-Angel wings device using the Amplatzer™ Septal Occluder. *Cathet Cardiovasc Intervent* 1999;48:184-187
73. Callahan MJ, McCauley RK, Patel H, Hijazi ZM: The development of hypertrophic pyloric stenosis in a patient with prostaglandin-induced foveolar hyperplasia. *Pediatr Radiol* 1999;29:748-751
74. Hijazi ZM: Cardiac perforation after device implantation for congenital heart disease: should we worry? (Editorial Comment) *Catheter Cardiovasc Intervent* 1999;48:299-300
75. Hakim F, Madani A, Omeish A, Hijazi ZM: Transcatheter closure of secundum atrial defects with Amplatzer Septal occluder: Initial experience in Jordan. *Bahrain Med Bull* 1999;21(2):42-46
76. Waight D, Hijazi ZM: Blalock-Taussig shunt occlusion: Ode to the Snare. (Editorial comment) *Catheter Cardiovasc Intervent* 2000;49:55
77. Waight DJ, Koenig PR, Cao QL, Hijazi ZM: Transcatheter closure of secundum atrial septal defects using the Amplatzer Septal Occluder: Clinical experience and technical considerations. *Curr Intervent Card Rep* 2000;2:70.
78. Hijazi ZM, Hakim F, Al-Fadley F, Abdelhamid J, Cao QL: Transcatheter closure of single muscular ventricular septal defects using the Amplatzer muscular VSD occluder. *Cath Cardiovasc Intervent* 2000;49:167-172
79. Waight DJ, Hijazi ZM: Pulmonary arteriovenous malformations: Transcatheter embolization options [editorial]. *Cathet Cardiovasc Intervent* 2000;50:52-53
80. Hijazi ZM, Cao QL, Patel HT, Rhodes J, Hanlon KM: Transesophageal echocardiographic results of catheter closure of atrial septal defect in children and adults using the Amplatzer device. *Am J Cardiol* 2000, 85:1387-1390
81. Hijazi ZM: Aneurysm of the patent ductus arteriosus after coil closure: A rare complication. [editorial]. *Cathet Cardiovasc Intervent* 2000;50:190
82. Waight DJ, Cao QL, Hijazi ZM: Closure of patent foramen ovale in patients with orthodeoxia-platypnea using the amplatzer devices. *Cathet Cardiovasc Intervent* 2000;50:195-198
83. Cao QL, Radtke W, Berger F, Zhu W, Hijazi ZM: Transcatheter closure of multiple atrial septal defects; Initial results and value of two- and three-dimensional transesophageal echocardiography. *Eur Ht J* 2000;21:941-947
84. Rhodes J, Fischbach PS, Patel H, Hijazi ZM: Factors affecting the exercise capacity of pediatric patients with aortic regurgitation. *Pediatr Cardiol* 2000; 21:328-333
85. Koenig P, Hijazi ZM: Transseptal puncture through an artificial material: A safe technique (Editorial Comment) *Cath Cardiovasc Intervent* 2000; 50:440
86. Faella HJ, Hijazi ZM: Closure of the patent ductus arteriosus with the Amplatzer PDA Device: Immediate results of the International clinical trial. *Cath Card Intervent* 2000;51:50-54
87. Rhodes J, O'Brien S, Patel H, Cao QL, Banerjee A, Hijazi ZM: Palliative balloon pulmonary valvuloplasty in tetralogy of Fallot: Echocardiographic predictors of successful outcome. *J Inv Cardiol* 2000;12:448-451
88. Waight DJ, Hijazi ZM: Balloon aortic valvuloplasty: triumphs again. (Editorial Comment) *Cath Card Intervent* 2000;51:173-74

89. Marengo J, Naimi S, Hijazi ZM, Patel A, Pandian N: Nonsurgical closure of a patent foramen ovale in a patient with carcinoid heart disease and severe hypoxia from interatrial shunting. *Cath Card Intervent* 2000;51:210-213
90. Hill SL, Berul CI, Patel HT, Rhodes J, Supran SE, Cao QL, Hijazi ZM. Early ECG abnormalities associated with transcatheter closure of atrial septal defects using the Amplatzer® septal occluder. *J Interv Card Electrophysiol* 2000;4(3):469-474
91. Lipton MJ, Boxt LM, Hijazi ZM: Role of the Radiologist in Cardiac Diagnostic Imaging. Centennial Dissertation Honoring Hollis E. Potter, MD and George W. Holmes, MD. *AJR* 2000;175:1495-1506.
92. Zhu W, Cao QL, Rhodes J, Hijazi ZM: Measurement of atrial septal defect size: a comparative study between three-dimensional transesophageal echocardiography and the standard balloon sizing methods. *Pediatr Cardiol* 2000;21:465-469
93. Waight DJ, Hijazi ZM: Amplatzer Devices: Benign Cobrahead Formation (Editorial comment). *Cath Card Intervent* 2001;52:86-87.
94. Patel HT, Madani A, Paris YM, Warner KG, Hijazi ZM: Balloon angioplasty of native coarctation of the aorta in infants and neonates: Is it worth the hassle? *Pediatr Cardiol* 2001;22:53-57
95. Hijazi ZM, Wang Z, Cao QL, Koenig P, Waight D, Lang R: Transcatheter closure of atrial septal defects and patent foramen ovale under intracardiac echocardiographic guidance: Feasibility and comparison with transesophageal echocardiography. *Cath Cardiovasc Intervent* 2001; 52:194-199
96. Omeish A, Hijazi ZM: Transcatheter closure of atrial septal defects in children and adults using the Amplatzer Septal Occluder. *J Interv Cardiol* 2001;14:37-44
97. Hijazi ZM, Guest Editor: Proceedings of the Fourth Pediatric Interventional Cardiac Symposium (PICS-IV), Part I. *J Interv Cardiol* 2001;14:61-107
98. Hijazi ZM, Hellenbrand WE: Introduction: Intervention for Congenital Heart Disease in Children and Adults: Proceedings of the Fourth Pediatric Interventional Cardiac Symposium (PICS-IV). *J Interv Cardiol* 2001;14:61-62
99. Ebeid MR, Masura J, Hijazi ZM: Early experience with the Amplatzer Ductal Occluder for closure of the persistently patent ductus arteriosus. *J Interv Cardiol* 2001;14:33-36.
100. Thanopoulos BD, Hakim FA, Hiari A, Tsaousis GS, Paphitis C, Hijazi ZM: Patent ductus arteriosus equipment and technique. Amplatzer Duct Occluder: Intermediate-Term follow-up and technical considerations. *J Interv Cardiol* 2001;14:247-254
101. Waight DJ, Cao QL, Hijazi ZM: Transcatheter closure of patent ductus arteriosus using the Amplatzer Duct Occluder. *Curr Interv Cardiol Rep* 2001;3:263-267
102. Sharaf E, Waight DJ, Hijazi ZM: Simultaneous transcatheter occlusion of two atrial baffle leaks and stent implantation for SVC obstruction in a patient after Mustard repair. *Cath Cardiovasc Intervent* 2001;54:72-76
103. Hijazi ZM: Extracardiac fenestrated Fontan operation: To close or not to close the Fenestration? (Editorial Comment) *Cath Cardiovasc Intervent* 2001;54:93-94

104. Zhu W, Cao QL, Rhodes J, Hijazi ZM: Measurement of atrial septal defect size: a comparative study between three-dimensional transesophageal echocardiography and the standard balloon sizing methods. *Pediatric Cardiology*. 2000;21:465-9
105. Cao QL, Du ZD, Joseph A, Koenig P, Heitschmidt M, Rhodes J, Hijazi ZM: Immediate and six-month results of the profile of the Amplatzer Septal Occluder as assessed by transesophageal echocardiography. *Amer J Cardiol* 2001;88:754-759
106. Hijazi ZM: Commentary: How would you manage this case? (Congenital Coarctation and Takayasu's Arteritis: Aortic Stenting Employing Intravascular Ultrasound). *J Invasive Cardiol* 2001;13:707-708
107. Bacha EA, Quinones J, Kahana MD, Baron JM, Hijazi ZM: Embolic coronary occlusion after the arterial switch procedure. *J Thorac Cardiovasc Surg* 2001;122:1028-1030
108. Hijazi ZM, Cao QL, Heitschmidt M: Catheter closure of multiple atrial septal defects under intracardiac echocardiographic guidance in a child using the Amplatzer Septal Occluder. *Acunav Case Study Report for Acuson*, 2001.
109. Waight DJ, Hijazi ZM: Post-Myocardial infarction ventricular septal defect: A medical and surgical challenge (Editorial Comment). *Cath Cardiovasc Intervent* 2001;54:482-483
110. Hijazi ZM, Cao QL, Heitschmidt M, Lang R: Residual inferior atrial septal defect after surgical repair: Closure under intracardiac echocardiographic guidance. *J Invasiv Card* 2001;13:810-813
111. Du ZD, Cao QL, Koenig P, Heitschmidt M, Hijazi ZM: Speed of normalization of right ventricular volume overload after transcatheter closure of atrial septal defect in children and adults. *Amer J Cardiol* 2001;88:1450-1453
112. Waight DJ, Hijazi ZM: Pediatric interventional cardiology: the cardiologist's role and relationship with pediatric cardiothoracic surgery. *Adv Card Surg* 2001;13:143-67
113. Du ZD, Cao QL, Joseph A, Koenig P, Heitschmidt M, Waight DJ, Rhodes J, Brorson J, Hijazi ZM: Transcatheter closure of patent foramen ovale in patients with paradoxical embolism: Intermediate-Term risk of recurrent neurological events. *Cath & Cardiovasc Intervent* 2002;55:189-194
114. Waight DJ, Bacha EA, Kahana M, Cao QL, Heitschmidt M, Hijazi ZM: Catheter therapy of Swiss Cheese ventricular septal defects using the Amplatzer Muscular VSD Occluder. *Cath & Cardiovasc Intervent* 2002;55:355-361
115. Hijazi ZM: Catheter closure of ductus arteriosus in adolescents and adults: What to use? (Editorial Comment) *Cathet Cardiovasc Intervent* 2002;55:519-520
116. Hijazi ZM: Coil closure of the large patent arterial duct: Cheap, but how easy and effective? (Commentary) *J Invasiv Cardiol* 2002;14:178-179.
117. Du ZD, Hijazi ZM, Kleinman, CS, Silverman NH, Larntz K: Comparison between transcatheter and surgical closure of secundum atrial septal defect in children and adults: results of a multicenter non-randomized trial. *J Amer Coll Cardiol* 2002;39:1836-1844
118. Chessa M, Carminati M, Cao QL, Butera G, Giusti S, Bini RM, Hijazi ZM: Transcatheter closure of congenital and acquired muscular ventricular septal defects using the Amplatzer device. *J Invas Cardiol* 2002;14:322-327

119. Hijazi ZM, Hakim F, Haweleh A, Madani A, Tarawna W, Hiari A, Cao QL: Catheter closure of perimembranous ventricular septal defects using the new Amplatzer membranous VSD occluder: Initial clinical experience. *Cathet Cardiovasc Intervent* 2002;56:508-515.
120. Hijazi ZM: Catheter treatment of critical aortic valve stenosis in the neonate: Choice of approach. (Editorial Comment) *Cathet Cardiovasc Intervent* 2002;56:521.
121. Du ZD, Cao QL, Rhodes J, Heitschmidt M, Hijazi ZM: Choice of device size and results of transcatheter closure of atrial septal defect using the Amplatzer septal occluder. *J Interven Cardiol* 2002;15:287-292
122. Du ZD, Koenig P, Cao QL, Waight D, Heitschmidt M, Hijazi ZM: Comparison of transcatheter closure of secundum atrial septal defect using the Amplatzer Septal Occluder associated with efficient-vs-sufficient rims. *Am J Cardiol* 2002;90:865-869
123. Harris M, Cao QL, Hijazi ZM: Successful combined orthotopic liver transplant and transcatheter management of atrial septal defect, patent ductus arteriosus and peripheral pulmonic stenosis in a small infant with Alagille syndrome. *Pediatr Cardiol* 2002;23:650-654
124. Rhodes J, Patel H, Hijazi ZM: Effect of transcatheter closure of atrial septal defect on the cardiopulmonary response to exercise. *Amer J Cardiol* 2002;90:803-806
125. Hijazi ZM, Cao, QL: Transcatheter closure of secundum atrial septal defect associated with deficient posterior rim in a child under intracardiac echocardiographic guidance. *Applications in Cardiac Imaging* (Supplement of Applied Radiology), November 2002;7-10
126. Hong TE, Hellenbrand WE, Hijazi ZM: Transcatheter closure of patent ductus arteriosus in adults using the Amplatzer Duct Occluder: Initial results and follow up. *Indian Heart J* 2002;54:384-389
127. Kim JJ, Hijazi ZM: Clinical outcomes and costs of Amplatzer transcatheter closure as compared with surgical closure of ostium secundum atrial septal defects. *Medical Science Monitor* 2002;8:CR787-CR791.
128. Hijazi ZM: Ruptured sinus of Valsalva aneurysm: Management options. *Cathet Cardiovasc Intervent* (Editorial Comment) 2003; 58:135-136.
129. Fedson S, Jolly N, Lang RM, Hijazi ZM: Percutaneous closure of a ruptured sinus of Valsalva aneurysm using the Amplatzer Duct Occluder. *Cathet Cardiovasc Intervent* 2003;58:406-411.
130. Koenig PK, Cao QL, Heitschmidt M, Waight DJ, Hijazi ZM: Role of intracardiac echocardiographic guidance in transcatheter closure of atrial septal defects and patent foramen ovale using the Amplatzer device. *J Interven Cardiol* 2003;16:51-62
131. Zimmerman FJ, Starr JP, Koenig PR, Smith P, Hijazi ZM, Bacha EA: Acute hemodynamic benefit of multisite ventricular pacing after congenital heart surgery. *Ann Thorac Surg* 2003;75:1775-1780
132. Hijazi ZM: Need for covered stents for congenital cardiac intervention. (Editorial) *Cathet Cardiovasc Intervent* 2003;59:391
133. Hijazi ZM: Catheter intervention for adult aortic coarctation: Be very careful! (Editorial) *Cathet Cardiovasc Intervent* 2003;59:536-537
134. Hijazi ZM: Device closure of ventricular septal defects. *Cathet Cardiovasc Intervent* 2003; 60:107-114
135. Hijazi ZM: Intraoperative intervention (Hybrid surgery) and intervention in the immediate perioperative period. (Editorial) *Cathet Cardiovasc Intervent* 2003; 60:99-100

136. Hijazi ZM, Cao QL: Transcatheter closure of multi-fenestrated atrial septal defects using the new Amplatzer cribriform device. *Ped Cardiol Today* 2003;1:1-4
137. Holzer R, Waller III, BR, Kahana M, Hijazi ZM: Percutaneous closure of a giant coronary arteriovenous fistula using multiple devices in a 12-day-old neonate. *Cathet Cardiovasc Intervent* 2003; 60:99-100:291-294
138. Meier B, Palacios I, Windecker S, Rotter M, Cao QL, Keane D, Ruiz CE, Hijazi ZM: Transcatheter left atrial appendage occlusion with Amplatzer devices to obviate anticoagulation in patients with atrial fibrillation. *Cathet Cardiovasc Intervent* 2003;60:417-422
139. Wahab HA, Bairam AR, Cao QL, Hijazi ZM. Novel technique to prevent prolapse of the Amplatzer septal occluder through large atrial septal defect. *Catheter Cardiovasc Interv* 2003;60:543-45
140. Hong TE, Thaler D, Brorson J, Heitschmidt M, Hijazi ZM. Transcatheter closure of patent foramen ovale associated with paradoxical embolism using the Amplatzer PFO occluder: initial and intermediate-term results of the US multicenter clinical trial. *Catheter Cardiovasc Interv* 2003;60:524-28
141. Hijazi ZM: Catheter closure of atrial septal and ventricular septal defects using the Amplatzer devices. *Heart and Lung Circulation (Proceedings of the Victorian Heart Centre)* 2003;12(Suppl)S63-72.
142. Hijazi ZM: Guest Editor, Pediatric Interventional Cardiac Symposium (PICS VI). *J Intervent Cardiol* 2003;16:385-448.
143. Al-Hroob A, Eltohami A, Gendi SM, El Yemeni Y, Nuhman MT, Hijazi ZM: Transcatheter closure of perimembranous and muscular ventricular septal defects in children with the Amplatzer occluder: experience in Qatar. *Heart Views* 2003;4:42-46.
144. Hijazi ZM: PICS VII & ENTICHS I (Pediatric interventional cardiovascular symposium & Emerging new technologies in congenital heart surgery) recap. *Pediat Cardiol Today* 2003;1:1-3.
145. Koenig PR, Abdulla R, Cao QL, Hijazi ZM: Use of intracardiac echocardiography to guide catheter closure of atrial communications. *Echocardiography* 2003;20:781-787.
146. Du ZD, Cao QL, Waight DJ, Hijazi ZM: Transcatheter closure of Swiss cheese like ventricular septal defects in children using the Amplatzer muscular VSD occlude. *Zhonghua Er Ker Za Zhi* 2003;41:232-33 (Chinese)
147. Bacha EA, Cao QL, Starr JP, Waight DJ, Ebeid MR, Hijazi ZM: Periventricular device closure of muscular ventricular septal defects on the beating heart: technique and results. *J Thorac Cardiovasc Surg* 2003;126:1718-23
148. Bacha EA, Hijazi ZM, Cao QL, Starr JP, Waight DJ, Koenig P, Agarwala B: New therapeutic avenues with hybrid pediatric cardiac surgery. *The Heart Surgery Forum* 2004;7:1-8.
149. Holzer R, Balzer D, Amin Z, Ruiz CE, Feinstein J, Bass J, Vance M, Cao QL, Hijazi ZM: Transcatheter closure of postinfarction ventricular septal defects using the new Amplatzer Muscular VSD Occluder. *Catheter & Cardiovasc Interven* 2004;61:196-201
150. Hijazi ZM: Transcatheter valve replacement: A new era of percutaneous cardiac intervention begins (Editorial comment) *JACC* 2004;43:1088-89
151. Hijazi ZM. Transcatheter management of paravalvular mitral leaks: far from ideal. *Catheter Cardiovasc Interv* 2004;61:552-53

152. Waight DJ, Hijazi ZM: Balloon aortic valvuloplasty: The single-wire technique. J Intervent Cardiol 2004;17:21-22
153. Holzer R, Balzer D, Cao QL, Lock K. Hijazi ZM: Device closure of muscular ventricular septal defects using the Amplatzer muscular ventricular septal defect occluder: Immediate and mid-term results of a U.S. Registry. JACC 2004;43:1257-1263
154. Hijazi ZM: Siemens' Biplance C-arm system. Pediatric Cardiology Today 2004;2:7-8
155. Holzer R, Hijazi ZM: Interventional approach to congenital heart disease. Current Opinion in Cardiology 19;2004:84-90.
156. Holzer R, Latson L, Hijazi ZM: Device closure of iatrogenic membranous ventricular septal defects after prosthetic aortic valve replacement using the Amplatzer membranous ventricular septal defect occluder. Catheter & Cardiovasc Interven 2004;62:276-280
157. Pass RH, Hijazi ZM, Hsu DT, Lewis V, Hellenbrand WE: Multicenter USA Amplatzer Patent Ductus Arteriosus Occlusion Device Trial. Initial and One Year Results. JACC 2004;44:513-519
158. Holzer R, Cao QL, Hijazi ZM: State of the art catheter interventions in adults with congenital heart disease. Expert Rev Cardiovasc Ther 2004;2:89-101
159. Alboliras ET, Hijazi ZM: Comparison of costs of intracardiac echocardiography and transesophageal echocardiography in monitoring percutaneous device closure of atrial septal defect in children and adults. Am J Cardiol 2004;94:690-692
160. Fu, YC, Hijazi ZM: Non-surgical closure of intracardiac and extracardiac defects. (Report) Business Briefing, US Cardiology, An analysis of the latest clinical developments within the US cardiovascular field with perspectives on the future, August 2004, pp 94-95. www.touchbriefings.com
161. Hijazi ZM: New device for percutaneous closure of aortopulmonary collaterals. Catheter & Cardiovasc Interven 2004;63:482-485
162. Amin Z, Hijazi ZM, Bass JL, Cheatham JP, Hellenbrand WE, Kleinman CS: Erosion of Amplatzer septal occluder device after closure of secundum atrial septal defects: Review of registry of complications and recommendations to minimize future work. Catheter & Cardiovasc Interven 2004;63:496-502
163. Fu YC, Cao QL, Hijazi ZM: Transcatheter closure of ventricular septal defects. Ped Card Today 2005;3:4-6
164. Al-Bustami O, Sharifi M, Hijazi ZM, Burks JT, Bacha EA: Necessity for evaluation of anomalous pulmonary venous return before percutaneous closure of atrial septal defects. Angiology 2005;56:1-4
165. Hijazi ZM: Possible barriers for the availability of devices for patients with congenital heart disease and potential solutions. (Editorial) Catheter & Cardiovasc Interven 2005;64:257-258
166. Schwalm S, Hijazi ZM, Sugeng L, Lang R: Percutaneous closure of a post-traumatic muscular ventricular septal defect using the Amplatzer duct occluder. J Invas Cardiol 2005;17:100-103
167. Holzer R, Concilio K, Hijazi ZM: Self-fabricated covered stent to exclude an aortic aneurysm after balloon angioplasty for post-surgical recoarctation. J Invas Cardiol 2005;17:177-179

168. Holzer R, Cao QL, Hijazi ZM: Closure of a moderately large atrial septal defect with a self-fabricated fenestrated Amplatzer septal occluder in an 85-year-old patient with reduced diastolic elasticity of the left ventricle. *Catheter & Cardiovasc Interv* 2005;64:513-518
169. Bacha EAM, Hijazi ZM: Hybrid procedures in pediatric cardiac surgery. *Semin Thorac Cardiovasc Surg Pediatr Card Surg Ann* 2005; 8:78-85
170. Hijazi ZM: Ingenuity in the Catheterization Laboratory (Editorial Comment). *J Intervent Cardiol* 2005;18:125
171. Hijazi ZM, Ruiz CE, Hellenbrand WE: The Eighth Pediatric Interventional Cardiac Symposium (PICS-VIII) and Second Emerging New Technologies in Congenital Heart Surgery (ENTICHS-II). *Pediatr Cardiol* 2005; 26:127
172. Bacha EA, Cao QL, Galantowicz ME, Cheatham JP, Fleishman CE, Weinstein SW, Becker PA, Hill SL, Koenig PK, Alboliras E, Abdulla RA, Starr JP, Hijazi ZM: Multicenter experience with perventricular device closure of muscular ventricular septal defects. *Pediatr Cardiol* 2005;26:169-175
173. Ruiz CE, Iemura M, Medie S, Varga P, Van Alstine WG, Mack S, Deligio A, Fearnot N, Beier UH, Pavcnik D, Hijazi ZM, Kiupel M: Transcatheter placement of a low-profile biodegradable pulmonary valve made of small intestinal submucosa: A long-term study in a swine model. *J Thorac Cardiovasc Surg* 2005; 130:477-484
174. Patel HT, Hijazi ZM: Pediatric catheter interventions: a year in review 2004-2005. *Curr Opin in Pediatr* 2005;17:568-573
175. Diab KA, Hijazi ZM, Cao QL, Bacha EA: A truly hybrid approach to perventricular closure of multiple muscular ventricular septal defects. *J Thorac and Cardiovasc Surg* 2005;130:892-893
176. Cao QL, Zabal C, Koenig P, Sandhu S, Hijazi ZM: Initial clinical experience with intracardiac echocardiography in guiding transcatheter closure of perimembranous ventricular septal defects: Feasibility and comparison with transesophageal echocardiography. *Catheter Cardiovasc Intervent* 2005;66:258-267
177. Fu YC, Hijazi ZM: Patent foramen ovale. *Expert Rev of Cardiovasc Therapy* 2005;3:875-878
178. Bacha EA, Hijazi ZM, Cao QL, Abdulla R, Starr JP, Quinones J, Koenig P, Agarwala B: Hybrid pediatric cardiac surgery. *Pediatr Cardiol* 2005;26:315-322
179. Luxenberg DM, Silvestry FE, Herrmann HC, Cao QL, Rohatgi S, Hijazi ZM: Use of a new 8French intracardiac echocardiographic catheter to guide device closure of atrial septal defects and patent foramen ovale in small children and adults: Initial clinical experience. *J Invasive Cardiol* 2005;17:540-544
180. Yip WCL, Zimmerman F, Hijazi ZM: Heart block and empirical therapy after transcatheter closure of perimembranous ventricular septal defect. *Catheter and Cardiovasc Intervent* 2005;66:436-441
181. Shah L, Hijazi ZM, Sandhu S, Joseph A, Cao QL: Use of endovascular stents for the treatment of coarctation of the aorta in children and adults: Immediate and midterm results. *J Invas Cardiol* 2005;17: 614-618
182. Lopez K, Dalvi BV, Balzer D, Bass JL, Momenah T, Cao QL, Hijazi ZM: Transcatheter closure of large secundum atrial septal defects using the 40mm Amplatzer septal occluder: results of an international registry. *Catheter Cardiovasc Intervent* 2005;66:580-584
183. Wang DH, Smith DE, Bacha EA, Hijazi ZM, Magovern JA. Development of a percutaneous pediatric ventricular assist device. *ASAIO J* 2005;51(5):551-6

184. Hijazi ZM, Celiker A: Closure of atrial septal defects. *Anadolu Kardiyol Derg* 2005;5:331
185. Hill SL, Hijazi ZM, Hellenbrand WE, Cheatham JP: Evaluation of the Amplatzer vascular plug for embolization of peripheral vascular malformations associated with congenital heart disease. *Catheter Cardiovasc Intervent* 2006;67:113-119
186. Fu YC, Bass J, Amin Z, Radtke W, Cheatham JP, Hellenbrand WE, Balzer D, Cao QL, Hijazi ZM: Transcatheter closure of perimembranous ventricular septal defects using the new Amplatzer membranous VSD occluder. *J Amer Coll Cardiol* 2006;47:319-325
187. Bacha EA, Daves S, Hardin J, Abdulla R, Anderson J, Kahana M, Koenig P, Mora BN, Gulecyuz M, Starr JP, Alboliras E, Sandhu S, Hijazi ZM: Single-ventricle palliation for high-risk neonates: The emergence of an alternative hybrid stage I strategy. *J Thorac & Cardiovasc Surg* 2006;131:163-171
188. Hijazi ZM: Efficacy and safety of device closure of ASDs in adult patients: Does the type of device influence outcome? *Catheter Cardiovasc Intervent* 2006;67:444
189. Robinson JDC, Zimmerman FJ, DeLoera O, Heitschmidt M, Hijazi ZM: Cardiac conduction disturbances seen after transcatheter device closure of muscular ventricular septal defects with the Amplatzer occluder. *Am J Cardiol* 2006;97:558-560
190. Garay F, Webb J, Hijazi ZM: Percutaneous replacement of pulmonary valve using the Edwards-Cribier percutaneous heart valve: First report in a human patient. *Catheter Cardiovasc Intervent* 2006;67:659-662
191. Rigatelli G, Hijazi ZM: Intracardiac echocardiography in cardiovascular catheter-based interventions: Different devices for different purposes. *J Invas Cardiol* 2006; 18:225-232
192. Garay F, Cao QL, Olin J, Hijazi ZM: The Cribier-Edwards percutaneous heart valve in the pulmonic position: initial animal experience. *Euro Intervention Supplements* (2006) 1 (Supplement A):A32-35
193. Patel A, Cao QL, Koenig PR, Hijazi ZM: Intracardiac echocardiography to guide closure of atrial septal defects in children less than 15 kilograms. *Catheter Cardiovasc Intervent* 2006;68:287-291
194. Hijazi ZM: Leveraging technology for improved supply and device management. *Cong Cardiol Today* 2006;4:6-8
195. Holzer R, deGiovanni J, Walsh KP, Tometzki A, Goh TH, Hakim F, Zabal C, Suarez deLezo, J, Cao QL, Hijazi ZM: Transcatheter closure of perimembranous ventricular septal defects using the Amplatzer membranous VSD occluder: Immediate and midterm results of an International Registry. *Catheter Cardiovasc Intervent* 2006;68:620-628
196. Garay F, Cao QL, Hijazi ZM: Percutaneous closure of post myocardial infarction ventricular septal defect. *J Interv Cardiol* 2006; 19:S67-S72
197. Garay F, Cao QL, Hijazi ZM: Device closure of congenital (perimembranous and muscular) and acquired ventricular septal defects using the Amplatzer devices: Percutaneous and perventricular techniques. *Heart Views* 2006;7:44-54
198. Fu YC, Cao QL, Hijazi ZM: Device closure of large atrial septal defects: technical considerations. *J Cardiovasc Med* 2007;8:30-33
199. Diab, K, Cao QL, Hijazi ZH: Device closure of congenital ventricular septal defects. *Congenit Heart Dis* 2007;2:92-103

200. Kharouf R, Cao QL, Hijazi ZM: Transcatheter closure of coronary artery fistula complicated by myocardial infarction. *J Invasive Cardiol* 2007;19:E146-E149
201. Diab KA, Cao QL, Mora BN, Hijazi ZM: Device closure of muscular ventricular septal defects in infants less than one year of age using the Amplatzer devices: feasibility and outcome. *Catheter Cardiovasc Intervent* 2007, 70:90-97
202. Awad SM, Garay FF, Cao QL, Hijazi ZM: Multiple Amplatzer septal occluder devices for multiple atrial communications: Immediate and long-term follow-up results. *Catheter Cardiovasc Intervent* 2007, 70:265-273
203. Forbes TJ, Garekar S, Amin Z, Zahn EM, Nykanen D, Moore P, Qureshi SA, Cheatham JP, Ebeid MR, Hijazi ZM, Sandhu S, Hagler DJ, Sievert H, Fagan TE, Ringwald J, Du W, Tang L, Wax DF, Rhodes J, Johnston TA, Jones TK, Turner DR, Pedra CAC, Hellenbrand WE: Congenital cardiovascular interventional study consortium (CCISC). *Catheter Cardiovasc Intervent* 2007, 70:276-285
204. Forbes TJ, Moore P, Pedra CAC, Zahn EM, Nykanen D, Amin Z, Garekar S, Teitel D, Qureshi SA, Cheatham JP, Ebeid MR, Hijazi ZM, Sandhu S, Hagler DJ, Sievert H, Fagan TE, Ringwald J, Du W, Tang L, Wax DF, Rhodes J, Johnston TA, Jones TK, Turner DR, Pass R, Torres A, Hellenbrand WE: Intermediate follow-up following intravascular stenting for treatment of coarctation of the aorta. *Catheter Cardiovasc Intervent* 2007, 70:569-577
205. Jolly N, Garg RK, Raman J, Hijazi ZM: Amplatzer septal occluder device for closure of aortic pseudoaneurysms. *Catheter Cardiovasc Intervent* 2007, 70, 619-620
206. Diab KA, Cao QL, Hijazi ZM: Percutaneous device closure of congenital VSDs. *Card Interven Today* 2007, 1:23-28
207. Patel A, Lopez K, Banerjee A, Joseph A, Cao QL, Hijazi ZM: Transcatheter closure of atrial septal defects in adults ≥ 40 years of age: Immediate and follow up results. *J Interven Cardiol* 2007, 20:82-88
208. Diab KA, Cao QL, Bacha EA, Hijazi ZM: Device closure of atrial septal defects with the Amplatzer septal occluder: Safety and outcome in infants. *J Thorac Cardiovasc Surg* 2007, 134:960-966
209. Rigatelli G, Cardaioli P, Hijazi ZM: Contemporary clinical management of atrial septal defects in the adult. *Expert Rev Cardiovasc Ther* 2007, 5:1135-1146
210. Fu YC, Hijazi ZH: The Amplatzer Septal Occluder, a transcatheter device for atrial septal defect closure. *Expert Rev Med Devices* 2008, 5:25-31
211. Sommer RJ, Hijazi ZM, Rhodes JF Jr: Pathophysiology of congenital heart disease in the adult: Part I: Shunt lesions (Review) (84 refs). *Circulation* 2008, 117(8):1090-1099
212. Rhodes JF, Hijazi ZM, Sommer RJ. Pathophysiology of congenital heart disease in the adult, part II. Simple obstructive lesions. [Review] [89 refs] [Journal Article. Review] *Circulation*. 117(9):1228-37, 2008 Mar 4.
213. Sommer RJ, Hijazi ZM, Rhodes JF. Pathophysiology of congenital heart disease in the adult: part III: Complex congenital heart disease. [Review] [61 refs] [Journal Article. Review] *Circulation*. 117(10):1340-50, 2008 Mar 11.
214. Elshershari H, Cao QL, Hijazi ZM: Transcatheter device closure of atrial septal defects in patients older than 60 years of age: Immediate and follow-up results. *J Invasive Cardiol* 2008, 20:173-176

215. Halabi, A, Hijazi ZM: A new device to close secundum atrial septal defects: First clinical use to close multiple defects in a child. *Catheter Cardiovasc Intervent* 2008, 71, 853-856
216. Hijazi ZM, Feldman T: SCAI President's page: A Conversation with Dr. Ted Feldman: Interventional treatment of structural heart disease. *Catheter Cardiovasc Intervent* 2008, 71, 1002-1005
217. Amin Z, Hijazi ZM, UBass JL, Cheatham JP, Hellenbrand W, Kleinman CS: PFO Closure complications from the AGA Registry. *Catheter Cardiovasc Intervent* 2008, 72, 74-79
218. Amin Z, Cao QL, Hijazi ZM: Closure of Muscular ventricular septal defects: Transcatheter and hybrid techniques. *Catheter Cardiovasc Intervent* 2008, 72, 102-111
219. Hijazi ZM, Seth A: SCAI President's page: A Conversation with Dr. Ashok Seth: Promoting Worldwide Membership and Collaboration. *Catheter Cardiovasc Intervent* 2008, 72, 137-140
220. Elshershari H, Gossett JG, Hijazi ZM. Percutaneous closure of left ventricle pseudoaneurysm after Ross procedure. *Ann Thorac Surg* 2008;85:634-36
221. Hijazi ZM: Device closure of membranous ventricular septal defects in adults: an alternative to surgical closure. *Acute Card Care* 2007;9:60-61
222. Hijazi ZM, Feldman T, Hermiller J, Vincent RN: SCAI President's Page: A conversation with the Program Chairs of SCAI's 2009 Scientific Sessions, May 6-9, Las Vegas, Nevada. *Catheter Cardiovasc Intervent* 2008, 72:752-754
223. Warnes CA, Williams RG, Bashore TM, Child JS, Connolly HM, Dearani JA, del Nido P, Fasules JW, Graham TP, Hijazi ZM, Hunt SA, King ME, Landzberg MJ, Miner PD, Radford MJ, Walsh EP, Webb GD. ACC/AHA 2008 guidelines for the management of adults with congenital heart disease: Executive summary: A report of the American College of Cardiology/American Heart Association task force on practice guidelines. *Circulation* 2008, 118:2395-2451; Epub ahead of print.
224. Warnes CA, Williams RG, Bashore TM, Child JS, Connolly HM, Dearani JA, del Nido P, Fasules JW, Graham TP, Hijazi ZM, Hunt SA, King ME, Landzberg MJ, Miner PD, Radford MJ, Walsh EP, Webb GD. ACC/AHA 2008 guidelines for the management of adults with congenital heart disease: Executive summary: A report of the American College of Cardiology/American Heart Association task force on practice guidelines. *J Am Coll Cardiol* 2008, 52:e1-121; E pub ahead of print.
225. Holzer R, Hijazi ZM: The off-versus on-label use of medical devices in interventional cardiovascular medicine?: Clarifying the ambiguity between regulatory labeling and clinical decision making, Part III: Structural heart disease interventions. *Catheter Cardiovasc Intervent* 2008, 72, 848-852
226. Hijazi ZM: Hybrid therapy for hypoplastic left heart syndrome: reality check. *Pediatr Cardiol* 2008, 29:477-478
227. Hijazi ZM, Awad SM: Pediatric cardiac interventions. *JACC Cardiol Intervent* 2008,1:603-611
228. Spies C, Khandelwal A, Timmermanns I, Kavinsky CJ, Schrader R, Hijazi ZM: Recurrent events following patent foramen ovale closure in patients above 55 years of age with presumed paradoxical embolism. *Catheter Cardiovasc Intervent* 2008, 72: 966-970
229. Hijazi ZM, Marshall JJ: SCAI President's Page: Seconds-Count.org offers enhanced tools for patients and physicians. *Catheter Cardiovasc Intervent* 2008, 72: 1027-1029

230. Diab KA, Cao QL, Hijazi ZM: Periventricular closure of muscular ventricular septal defects: How do I do it? *Ann Pediatr Cardiol* 2008;1:27-33
231. Al-Hindi A, Cao QL, Hijazi ZM: Transcatheter closure of secundum atrial septal defect in the elderly. *J Invas Cardiol* 2009;21:70-75
232. Hijazi ZM, Shivkumar K, Sahn DJ: Intracardiac echocardiography during interventional and electrophysiological cardiac catheterization. *Circulation* 2009, 119: 587-596
233. Hijazi ZM, Feldman T: SCAI President's Page: Announcing the Global Interventional Summit organized by SCAI: Debutting November 2009 in Amman, Jordan. *Catheter Cardiovasc Intervent* 2009, 73:278-280
234. Hijazi ZM, Benson L, Qureshi S, Hagler D: SCAI President's Page: Interventional Pediatric Cardiology: Building on Years of Progress. *Catheter Cardiovasc Intervent* 2009, 73:429-431
235. Pappas M, Slyder S, Riley T, Nolan K, Martyniuk A, Matella T, Amin Z, Hijazi ZM: Product introduction: The HemCon bandage. *Cath Lab Dig* 2009, 17:12-13
236. Hijazi ZM, Kolluri H, Tumuluri V: SCAI President's Page: Pediatric Hybrid Interventions: One Family's Story. *Catheter Cardiovasc Intervent* 2009, 73:586-588
237. Spies C, Hijazi ZM: Transcatheter closure of secundum atrial septal defects in the elderly. *Kor Circ J* 2009, 39:47-51
238. Awad S, Cao QL, Hijazi ZM: Intracardiac echocardiography for the guidance of percutaneous procedures. *Curr Cardiol Reports* 2009, 11:210-215
239. Hijazi ZM, Parikh M: IFI and ICI offer unifying curriculum for physicians worldwide. *Catheter Cardiovasc Intervent* 2009, 73:844-846
240. Lodato JA, Cao QL, Weinert L, Sugeng L, Lopez J, Lang RM, Hijazi ZM: Feasibility of real-time three-dimensional transesophageal echocardiography for guidance of percutaneous atrial septal defect closure. *Eur J Echocardiog* 2009, 10:543-548
241. Kim S, Hijazi ZM, Lang RM, Knight BP: The use of intracardiac echocardiography and other intracardiac imaging tools to guide noncoronary cardiac interventions. *J Amer Coll Cardiol* 2009, 53:2117-2128
242. Amin Z, Cao QL, Hijazi ZM: Intracardiac echocardiography for structural lesions. *Card Intervent Today* 2009, April/May:43-50
243. Perk G, Lang RM, Garcia-Fernandez MA, Lodato J, Sugeng L, Lopez J, Knight BP, Messika-Zeitoun D, Shah S, Slater J, Brochet E, Varkey M, Hijazi ZM, Narino N, Ruiz C, Kronzon I: Use of real time three-dimensional transesophageal echocardiography in intracardiac catheter based interventions. *J Amer Soc Echocard* 2009, 22:865-882
244. Kumar A, Kavinsky C, Amin Z, Hijazi ZM: Percutaneous pulmonic valve implantation. *Curr Treatment Options in Cardiovasc Med* 2009, 11:483-491
245. Smith TD, Kavinsky CJ, Hijazi ZM: Percutaneous pulmonary valve implantation. *Card Intervent Today* 2009, Aug/Sept 86-88

246. Ergene O, Nazil C, Kocabas U, Duygu H, Akyildiz ZI, Hijazi ZM: Percutaneous closure of perimembranous ventricular septal defect with an Amplatzer Duct Occluder in a dextrocardia patient. *Internatl J Cadiol* 2009, 11:16
247. Boone RH, Webb JG, Horlick E, Benson L, Cao QL, Nadeem N, Kiess M, Hijazi ZM: Transcatheter pulmonary valve implantation using the Edwards SAPIEN transcatheter heart valve. *Catheter Cardiovasc Intervent* 2010, 75:286-294
248. Al-Anani SJ, Weber H, Hijazi ZM: Atrioventricular block after transcatheter ASD closure using the Amplatzer Septal Occluder: Risk factors and recommendations. *Catheter Cardiovasc Intervent* 2010, 75:767-772
249. Krizanic F, Sievert H, Pfeiffer D, Konorza T, Ferrari M, Hijazi ZM, Jung C, Lauten A, Figulla HR: The Occlutech Figulla PFO and ASD Occluder: A new nitinol wire mesh device for closure of atrial septal defects. *J Invasive Cardiol* 2010;22:182-187
250. Dehmer GJ, Douglas JS, Abizaid A, Berg JWS, Day J, Hall R, Leon MB, Hijazi ZM, Marchlinski F, Seung-Jung P, Popma JJ: SCAI/ACCF/HRS/ESC/SOLACI/APSIC Statement on the Use of Live Case Demonstrations at Cardiology Meetings: Assessments of the past and standards of the future. *Catheter Cardiovasc Intervent* 2010;76:E111-E125; *J Am Coll Cardiol* 2010;56:1267-82
251. Spies C, Cao QL, Hijazi ZM: Transcatheter patent foramen ovale closure: review and choice of devices. *Interv Cardiol* 2010; 2:601-614
252. Spies C, Cao QL, Hijazi ZM: Transcatheter closure of congenital and acquired septal defects. *Euro Heart J Suppl* 2010;12 (Supplement E), E24-E34
253. Feldman T, Ruiz CE, Hijazi ZM: The SCAI Structural Heart Disease council: Toward addressing training, credentialing, and guidelines for structural heart disease intervention. *Catheter Cardiovasc Intervent* 2010;76:E87-E89
254. Ruiz CE, Feldman TE, Hijazi ZM, Holmes DR, Webb JG, Tuzcu EM, Herrmann H, Martin GR: Interventional fellowship in structural and congenital heart disease for adults. *Catheter Cardiovasc Interv* 2010;76:E90-105
255. AlKashkari W, Cao QL, Kavinsky CJ, Hijazi ZM: Percutaneous pulmonary valve implantation for RVOT defects. *Card Interv Today* 2010; 4:21-29
256. Pedra CA, Pedra SR, Chaccor P, Jatene M, Costa RN, Hijazi ZM, Amin Z: Perventricular device closure of congenital muscular ventricular septal defects. *Expert Rev Cardiovasc ther* 2010;8:663-74
257. Hermann HC, Baxter S, Ruiz CE, Feldman TE, Hijazi ZM: SCAI Council on Structural Heart Disease. Results of the Society of Cardiac Angiography and Interventions survey of physicians and training directors on procedures for structural and valvular heart disease. *Catheter Cardiovasc Interv* 2010;76:E106-110
258. Forbes TJ, Hijazi ZM, Young G, Ringewald JM, Aquino PM, Vincent RN, Qureshi AM, Rome JJ, Rhodes JF, Jones TK, Moskowitz WB, Holzer RJ, Zamora R: Pediatric catheterization laboratory anticoagulation with bivalirudin. *Catheter Cardiovasc Intervent* 2011;77:671-679
259. Cubeddu RJ, Hijazi ZM: Bailout perventricular pulmonary valve implantation following failed percutaneous attempt using the Edwards Sapien transcatheter heart valve. *Catheter Cardiovasc Intervent* 2011;77:276-280
260. Al-Kashkari W, Balan P, Kavinsky CJ, Cal QL, Hijazi ZM: Percutaneous device closure of congenital and iatrogenic ventricular septal defects in adult patients. *Catheter Cardiovasc Intervent* 2011;77:260-267

261. Kharouf R, Heitschmidt M, Hijazi ZM: Pulmonary perfusion scans following transcatheter patent ductus arteriosus closure using the Amplatzer devices. *Catheter Cardiovasc Intervent* 2011;77:664-670
262. Kenny D, Kavinsky C, Hijazi ZM: Acute management of right coronary artery dissection following transcatheter occlusion of a congenital right coronary artery fistula: benefits of a collaborative congenital and structural heart program. *Cong Cardiol Today* 2011;9:1-7
263. Feltes TF, Bacha E, Beekman RH, Cheatham JP, Feinstein JA, Gomes AS, Hijazi ZM, Ing FF, deMoor M, Morrow WR, Mullins CE, Taubert KA, Zahn EM: Indications for cardiac catheterization and intervention in pediatric cardiac disease: A scientific statement from the American Heart Association. *Circulation* 2011;123:2607-2652
264. Hijazi ZM: Device closure of secundum atrial septal defects: to balloon size or not to balloon size. *Ann Pediat Cardiol* 2011;4:34-35
265. Kenny D, Cao QL, Hijazi ZM: Fenestration of a Gore Helex septal occlude device in a patient with diastolic dysfunction of the left ventricle. *Catheter Cardiovasc Interv* 2011;78:594-598
266. Kenny D, Amin Z, Slyder S, Hijazi ZM: Medium-term outcomes for peripheral pulmonary artery stenting in adults with congenital heart disease. *J Interv Cardiol* 2011; 24:373-377
267. Kenny D, Hijazi ZM: Transcatheter approaches to non-valvar structural heart disease. *Int J Cardiovasc Imaging* 2011; Epub ahead of print; 2011;27:1133-1141
268. Kenny D, Hijazi ZM and Walsh KP: Transcatheter tricuspid valve replacement with the Edwards SAPIEN Valve. *Catheter Cardiovasc Interv* 2011;78:267-270
269. Kenny D, Cao QL, Kavinsky C and Hijazi ZM: Innovative resource utilization to fashion individualized covered stents in the setting of aortic coarctation. *Catheter Cardiovasc Interv* 2011;78:413-418
270. Kenny D, Cao QL, and Hijazi ZM: Fenestration of a Gore Helex septal occlude device in a patient with diastolic dysfunction of the left ventricle. *Catheter Cardiovasc Interv* 2011;78:594-598
272. Kenny D, Hijazi ZM, Kar S, Rhodes J, Mullen M, Makkar R, Shirali G, Fogel M, Fahey J, Heitschmidt MG, Cain C: Percutaneous implantation of the Edwards SAPIEN transcatheter heart valve for conduit failure in the pulmonary position. *J Am Coll Cardiol* 2011;58:2248-56
273. Forbes TJ, Kim DW, Du W, Turner DR, Holzer R, Amin Z, Hijazi Z, Ghasemi A, Rome JJ, Nykanen D, Zahn E, Cowley C, Hoyer M, Waight D, Gruenstein D, Javois A, Förster S, Kreutzer J, Sullivan N, Khan A, Okada C, Hagler D, Lim S, Canter J, Zellers T and the CCISC Investigators. Comparison of Surgical, Stent, and Balloon Angioplasty Treatment of Native Coarctation of the Aorta. An Observational Study by the CCISC (Congenital Cardiovascular Interventional Study Consortium). *J Amer Coll Cardiol* 2011;58(25):2664-74
274. Kenny D, Hijazi ZM: Coarctation of the aort: from fetal life to adulthood. *Cardiol J*. 2011;18(5):487-95.
275. Guccione P, Milanesi O, Hijazi ZM, Pongiglione G: Transcatheter pulmonary valve implantation in native pulmonary outflow tract using the Edwards SAPIEN transcatheter heart valve. *Europ J Cardio-Thoracic Surg* 2012;41:1-3
276. Spies C, Hijazi ZM: Indications, techniques and results of percutaneous patent foramen ovale closure. *Minerva Cardioangiol* 2012;60:111-123

277. Tommaso CL, Bolman III RM, Feldman T, Bavaria J, Acker MA, Aldea G, Cameron DE, Dean LS, Fullerton D, Hijazi ZM, Horlick E, Miller DC, Moon MR, Ringel R, Ruiz CE, Trento A, Weiner BH, Zahn EM: Multisociety (AATS, ACCF, SCAI, and STS) Expert Consensus Statement: Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part 1: Transcatheter Aortic Valve Replacement. *J Am Coll Cardiol* 2012;59:2028-2042; originally published online Mar 1, 2012
278. Tommaso CL, Bolman III RM, Feldman T, Bavaria J, Acker MA, Aldea G, Cameron DE, Dean LS, Fullerton D, Hijazi ZM, Horlick E, Miller DC, Moon MR, Ringel R, Ruiz CE, Trento A, Weiner BH, Zahn EM: Multisociety (AATS, ACCF, SCAI, and STS) Expert Consensus Statement: Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part 1: Transcatheter Aortic Valve Replacement. *Catheter Cardiovasc Interv* 2012; 80:1-17
279. Marmagkiolis K, Hakeem A, Cilingiroglu M, Bailey SR, Ruiz C, Hijazi ZM, Hermann HC, Zajarias A, Goldberg SL, Feldman T: The Society fo Cardiovascular Angiography and Interventions Structural Heart Disease Early Career Task Force Survey Results: Endorsed by the Society for Cardiovascular Angiography and Interventions. *Catheter Cardiovasc Interv* 2012; 80:706-711
280. Diab K, Kenny D, Hijazi ZM: Erosions, erosions and erosional device closure of atrial septal defects. How safe is safe? *Catheter Cardiovasc Interv* 2012; 80:168-174
281. Gonzalez, I, Kenny D, Slyder S, Hijazi ZM: Medium and long-term outcomes after bilateral pulmonary artery stenting in children and adults with congenital heart disease. *Pediatr Cardiol* 33; published on line 28 July 2012
282. Kenny D, Hijazi ZM: Transcatheter pulmonary valve replacement: Current status and future potentials. *Intervent Cardiol Clin* 2013;2:181-193
283. Hijazi ZM: The RESPECT Trial: What will the FDA do? *J Invas Cardiol* 2012;24:625-626
284. Gonzalez I, Kenny D, Slyder S, Hijazi ZM: Medium and long-term outcomes afdter bilateral pulmonary artery stenting in children and adults with congenital heart disease. *Pediatr Cardiol* 2013;34:179-184
285. Sosnowski CR, Kenny D, Hijazi ZM: Bail out use of the Gore Excluder following pulmonary conduit rupture during transcatheter pulmonary valve replacement. *Catheter Cardiovasc Interven* 2013;81:331-334
286. Gendi SM, Kenny J, Hibbeln J, Hijazi ZM: Closure of ascending aorta pseudoaneurysm to right atrium fistula. *JACC Cardiovasc Interven* 2013;6:418-419
287. Spies C, Hijazi ZM: Patent foramen ovale and cryptogenic stroke: is there still a role for percutaneous closure? *Clin Pract* 2013;10:103-112
288. Mallula KK, Patel ND, Hijazi ZM, Joshi S, Naheed Z: Double-outlet right ventricle with an intact ventricular septum: A unique Stage 1 palliation. *Pediatr Cardiol* 2013;34:2086-2088
289. Holoshitz N, Hijazi ZM: Transcatheter pulmonary valve replacement: valves, techniques of implantation and outcomes. *Interv Cardiol* 2013;5(4):465-477
290. Kenny D, Hijazi ZM: The evolution of transcatheter pulmonary valve replacement. *Expert Rev Cardiovasc Ther* 2013;11(7):795-797

291. Faza N, Kenny D, Kavinsky C, Amin Z, Heitschmidt M, Hijazi ZM: Single-center comparative outcomes of the Edwards SAPIEN and Medtronic Melody transcatheter heart valves in the pulmonary position. *Catheter Cardiovasc Interv* 2013;82:E535-E541
292. Kenny D, Hijazi ZM: The shifting price tag of pulmonary valve replacement. *Catheter Cardiovasc Interv* 2013;82:1154-55
293. Violini R, Vairo U, Hijazi ZM: Stent strut breakage using high-pressure balloons for bifurcation stenting and subsequent percutaneous pulmonary valve replacement using the Edwards Sapien THV. *Catheter Cardiovasc Interv*. 2013 Nov 1;82(5):834-7.
294. **Kenny D, Holoshitz N, Turner D, Hijazi ZM**. Aortopulmonary fistula after transcatheter pulmonary valve replacement. *Circ Cardiovasc Interv* 2013;6:e67-8
295. Tommaso CL, Fullerton DA, Feldman T, Dean LS, Hijazi ZM, Horlick E, Weiner BH, Zahn E, Cigarroa JE, Ruiz CE, Bavaria J, Mack MJ, Cameron DE, Bolman RM III, Miller DC, Moon MR, Mukherjee D, Trento A, Aldea GS, Bacha: SCAI/AATS/ACC/STS operator and institutional requirements for cranscatheter valve repair and replacement. Part II. Mitral Valve. *The Journal of Thorac and Cardiovasc Surg* 2014;148:387-400. Publilshed on line. June 11, 2014
296. Tommaso CL, Fullerton DA, Feldman T, Dean LS, Hijazi ZM, Horlick E, Weiner BH, Zahn E, Cigarroa JE, Ruiz CE, Bavaria J, Mack MJ, Cameron DE, Bolman RM III, Miller DC, Moon MR, Mukherjee D, Trento A, Aldea GS, Bacha: SCAI/AATS/ACC/STS operator and institutional requirements for cranscatheter valve repair and replacement. Part II. Mitral Valve. *Ann Thorac Surg* 2014; 98:765-777.
297. Tommaso CL, Fullerton DA, Feldman T, Dean LS, Hijazi ZM, Horlick E, Weiner BH, Zahn E, Cigarroa JE, Ruiz CE, Bavaria J, Mack MJ, Cameron DE, Bolman RM III, Miller DC, Moon MR, Mukherjee D, Trento A, Aldea GS, Bacha: SCAI/AATS/ACC/STS operator and institutional requirements for cranscatheter valve repair and replacement. Part II. Mitral Valve. *J Am Coll Cardiol* 2014; 64:1515-1526.
298. Tommaso CL, Fullerton DA, Feldman T, Dean LS, Hijazi ZM, Horlick E, Weiner BH, Zahn E, Cigarroa JE, Ruiz CE, Bavaria J, Mack MJ, Cameron DE, Bolman RM III, Miller DC, Moon MR, Mukherjee D, Trento A, Aldea GS, Bacha: SCAI/AATS/ACC/STS operator and institutional requirements for cranscatheter valve repair and replacement. Part II. Mitral Valve. *Catheter Cardiovasc Interv* 2014;84:567-580.
299. Goktekin O, Vatankulu MA, Tasal A, Sonmez O, Basel H, Tpouz U, Ergelen M, Hijazi ZM: Transcatheter trans-apical closure of paravalvular mitral and aortic leaks using a new device: First in man experience. *Catheter Cardiovasc Interv* 2014;83:308-314
300. Saremi F, Gera A, Ho SY, Hijazi ZM, Sanchez-Quintana D: CT and MR Imaging of the Pulmonary Valve. *RadioGraphics* 2014;34:51-71
301. Sanborn TA, Tchong JE, Anderson V, Chambers CE, Cheatham SL, DeCaro MV, Durack JC, Everett AD, Gordon JB, Hammond WE, Hijazi ZM, Kashyap VS, Knudtson M, Landzberg MJ, Martinez-Rios MA, Riggs LA, Sim KH, Slotwiner DJ, Solomon H, Szeto WY, Weiner BH, Weintraub WS, Windle JR: ACC/AHA/SCAI 2014 Health policy statement on structured reporting for the cardiac catheterization laboratory: a report of the American College of Cardiology Clinical Quality Committee. *J Am Coll Card* 2014;63(23)2591-2623. doi: 10.1016/j.acc.2014.03.020
302. Sanborn TA, Tchong JE, Anderson V, Chambers CE, Cheatham SL, DeCaro MV, Durack JC, Everett AD, Gordon JB, Hammond WE, Hijazi ZM, Kashyap VS, Knudtson M, Landzberg MJ, Martinez-

- Rios MA, Riggs LA, Sim KH, Slotwiner DJ, Solomon H, Szeto WY, Weiner BH, Weintraub WS, Windle JR: ACC/AHA/SCAI 2014 Health policy statement on structured reporting for the cardiac catheterization laboratory: a report of the American College of Cardiology Clinical Quality Committee. *Circulation* 2014;129:2578-2609
303. Hijazi ZM, Kenny DP: Covered stents for coarctation of the aorta: treating the interventionalist or the patient? (Editorial comment) *JACC Cardiovasc Interv* 2014;7:424-425
 304. Cao QL, Kenny D, Zhou D, Pan W, Guan L, Ge J, Hijazi ZM: Early clinical experience with a novel self-expanding percutaneous stent-valve in the native right ventricular outflow tract. *Catheter Cardiovasc Interv* 2014;84:1131-1137
 305. Hijazi ZM, Suradi H: Intracardiac echocardiography-guided interventions : do we need trials to prove equivalency/superiority to transesophageal echocardiography? *JACC Cardiovasc Interv* 2014;7:1045-1047.
 306. Malakan Rad E, Awad S, Hijazi ZM: Congenital left ventricular outpouchings: a systematic review of 839 cases and introduction of a novel classification after two centuries. *Congenit Heart Dis* 2014;9:498-511.
 307. Holoshitz N, Kenny D, Hijazi ZM: Hybrid interventional procedures in congenital heart disease. *Methodist Debaque Cardiovasc J* 2014;10:93-98.
 308. Armsby L, Beekman RJH III, Benson L, Fagan T, Hagler DJ, Hijazi ZM, Holzer R, Ing F, Kreutzer J, Lang P, Levi DS, Latson L, Moore P, Mullins C, Ruiz C, Vincent R: SCAI expert consensus statement for advanced training programs in pediatric and congenital interventional cardiac catheterization. *Catheter Cardiovasc Interv* 2014;84:779-784.
 309. Mallula KK, Kenny D, Hijazi ZM: Transjugular Melody Valve placement in a small child with protein losing enteropathy. *Catheter Cardiovasc Interv* 2015;85:267-270
 310. Awad SM, Masood SA, Gonzalez I, Cao QL, Abdulla RI, Heitschmidt MG, Hijazi ZM: The use of intracardiac echocardiography during percutaneous pulmonary valve replacement. *Pediatr Cardiol* 2015;36:76-83.
 311. Chowdhury SM, Hijazi ZM, Rhodes JF, Kar S, Makkar R, Mullen M, Cao QL, Mandinov L, Buckley J, Pietris NP, Shirali GS: Changes in Speckle tracking echocardiography measures of ventricular function after percutaneous implantation of the Edwards SAPIEN transcatheter heart valve in the pulmonary position. *Echocardiography* 2014;31: doi:10.1111/echo.12700. *Echocardiography*. 2015 Mar;32(3):461-9
 312. Hijazi ZM; Ruiz CE; Zahn E; Ringel R; Aldea GS; Bacha EA; Bavaria J; R. Bolman RM; Cameron DE; Dean LS; Feldman; Fullerton D; Horlick E; Mack MJ; Miller DC; Moon MR; Mukherjee D; Trento A; Tommaso CL: SCAI/AAIS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part III: Pulmonic Valve. *Cathet Cardiovasc Interv*, 2015;86(1):85-93
 313. Hijazi ZM; Ruiz CE; Zahn E; Ringel R; Aldea GS; Bacha EA; Bavaria J; R. Bolman RM; Cameron DE; Dean LS; Feldman; Fullerton D; Horlick E; Mack MJ; Miller DC; Moon MR; Mukherjee D; Trento A; Tommaso CL: SCAI/AAIS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part III: Pulmonic Valve. *J Am Coll Cardiol*. 2015;65(23):2556-63
 314. Hijazi ZM; Ruiz CE; Zahn E; Ringel R; Aldea GS; Bacha EA; Bavaria J; R. Bolman RM; Cameron DE; Dean LS; Feldman; Fullerton D; Horlick E; Mack MJ; Miller DC; Moon MR; Mukherjee D; Trento A;

- Tommaso CL: SCAI/AAIS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part III: Pulmonic Valve. *J Thorac and Cardiovasc Surg*. 2015;149(5):e71-8
315. Hijazi ZM; Ruiz CE; Zahn E; Ringel R; Aldea GS; Bacha EA; Bavaria J; R. Bolman RM; Cameron DE; Dean LS; Feldman; Fullerton D; Horlick E; Mack MJ; Miller DC; Moon MR; Mukherjee D; Trento A; Tommaso CL: SCAI/AAIS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part III: Pulmonic Valve. *Ann Thorac Surg* 2015;99(5):1857-64.
 316. Agarwala BN, Varga P, Hijazi ZM, Ziemer G: Rare case of aortopulmonary window with anomalous origin of right coronary artery. *Ann Thorac Surg* 2015; 99:1803-1805.
 317. Abdelbasit MA, Alwi M, Kandavello G, Che Mood M, Samion H, Hijazi ZM: The new Occlutech PDA occluder: Initial human experience. *Catheter Cardiovasc Interv* 2015 Feb 9. doi: 10.1002/ccd.25878
 318. Momenah TS, Khan MA, Qureshi S, Hijazi ZM: [Acquired aortic atresia: Catheter therapy using covered stents](#). *Catheter Cardiovasc Interv*. 2015 May 23. [Epub ahead of print]
 319. Kenny D, Hijazi ZM. Bioresorbable stents for pediatric practice: Where are we now?. *Interv Cardiol*. (2015) 7(3), 245–255
 320. Silvestry FE, Cohen MS, Armsby LB, Burkule NJ, Fleishman CE, Hijazi ZM, Lang RM, Rome JJ, Wang Y. [Guidelines for the Echocardiographic Assessment of Atrial Septal Defect and Patent Foramen Ovale: From the American Society of Echocardiography and Society for Cardiac Angiography and Interventions](#). *J Am Soc Echocardiogr*. 2015 Aug;28(8):910-58
 321. Suradi HS, Hijazi ZM. TAVR Update: Contemporary data from the UK TAVI and US TVT registries. *Global Cardiology Science and Practice* 2015;2:21
 322. Suradi HS, Hijazi ZM. Percutaneous pulmonary valve implantation. *Global Cardiology Science and Practice* 2015; 2: 23.
 323. Taqatqa A, Diab KA, Stuart C, Fogg L, Ilbawi M, Awad S, Caputo M, Amin Z, Abdulla RI, Kenny D, Hijazi ZM. Extended Application of the Hybrid Procedure in Neonates with Left-Sided Obstructive Lesions in an Evolving Cardiac Program. *Pediatr Cardiol*. 2015 Nov 4. [Epub ahead of print]
 324. Briggs BJ, Raoult D, Hijazi ZM, Edouard S, Angelakis E, Logan LK. *Coxiella burnetii* Endocarditis in a Child Caused by a New Genotype. *Pediatr Infect Dis J*. 2015 Nov 3. [Epub ahead of print]
 325. Holzer RJ, Hijazi ZM. Transcatheter pulmonary valve replacement: State of the art. *Catheter Cardiovasc Interv*. 2015 Oct 1. [Epub ahead of print]
 326. Muller B, Ghawi H, Heitschmidt MG, Fogg L, Hibbeln J, Hijazi ZM, Kenny D.. Medium-term CT evaluation of stent geometry, integrity, and valve function of the Edwards SAPIEN transcatheter heart valve in the pulmonary position. *Catheter Cardiovasc Interv*. 2015 Jul 8. [Epub ahead of print]
 327. Kenny DP, Hijazi ZM. Overcoming Complexity: Stenting for Aortic Coarctation Comes of Age. *JACC Cardiovasc Interv*. 2015 Aug 24;8(10):1380-1.
 328. Kenny DP, Hijazi ZM. COAST-ing Toward Covered Stents for Aortic Coarctation: Not All Plain Sailing! *JACC Cardiovasc Interv*. 2016 Mar 14;9(5):494-5.
 329. Suradi HS, Hijazi ZM: Patent Foramen Ovale Stroke and Device Closure. *Cardiol Clin* 2016; 34; 231-240

330. Kenny DP, McGuinness J, Hijazi ZM. The battleground of the stenotic branch pulmonary arteries: the surgical approach of “less is more”. *Transl Pediatr* 2016;5(3):112-113.
331. Hijazi ZM, Helmy T. Relationship Between Morphology of the Valve and Left Ventricular Systolic Function in Patients with Aortic Valve Stenosis. *J Invasive Cardiol* 2016;28:389-90
332. Goktekin O, Vatankulu MA, Ozhan H, Ay Y, Ergelen M, Tasal A, Aydin C, Ismail Z, Ates I, Hijazi ZM. Early experience of percutaneous paravalvular leak closure using a novel Occlutech occluder. *EuroIntervention* 2016;10:1195-200
333. Suradi HS, Hijazi ZM. Left atrial appendage closure: Outcomes and challenges. *Netherlands Heart Journal* 2016;10:1-9 DOI: 10.1007/s12471-016-0929-0
334. Jones TK, Cheatham SL, Cheatham JP, Pedra CAC, Hellenbrand WE, Kenny DP, Ray K, Hijazi ZM. PICS: A Journey in Interventional Therapies for Congenital/Structural Heart Disease We’ve come a long way! *Structural Heart Disease Journal* 2016;2(6):234-240.
335. Wadia SK, Kenny D, Alkashkari W, Matella T, Kavinsky CJ, Hijazi ZH: Extended application of self-fabricated covered stents for interventions in adults with congenital heart disease. *J Struct Ht Dis* 2016;2:79-86. DOI: <http://dx.doi.org/10.12945/j.jshd.2016.003.15>
336. Holzer R, Goble J, Hijazi ZM. The challenges surrounding preclinical testing in transcatheter device development and the implications on the clinic. *Expert Review of Medical Devices*, January 2017, ISSN: 1743-4440 (Print) 1745-2422 (Online) Journal homepage: <http://www.tandfonline.com/loi/ierd20>
337. Nijres BM, Kenny D, Kazmouz S, Hijazi ZM: Transcatheter Closure of Unroofed Coronary Sinus Using Covered Stents in an Adult With Drainage of the Coronary Sinus to the Right Ventricle After Supra-Annular Tricuspid Valve Replacement. *Catheter Cardiovasc Interv* 2017;90 (7):1154-1157
338. Wadia SK, Accavitti MJ, Morgan GJ, Kenny D, Hijazi ZM, Jones TK, Cabalka AK, McElhinney DB, Kavinsky CJ Transcatheter Interventions in Adults with Congenital Heart Disease: Surveys from the Society for Cardiovascular Angiography and Interventions to identify current patterns of care and perception on training requirements. *Catheter Cardovasc Interv* published on line May 11, 2017, DOI 10.1002/ccd.27151
339. Hijazi ZM, Kenny D: The Impact of IMPACT – Contemporary Outcomes with Balloon Aortic Valvuloplasty. Are we doing the right thing? *JACC: Cardiovasc Interv* 2017; 10:1727-1728
340. Suradi HS, Hijazi ZM: Adult congenital interventions in heart failure. *Interventional Cardiology Clinics*. 2017 Jul;6 (3):427-443
341. Hijazi ZM, Kenny DP: Landmark lecture on interventional cardiology: interventional cardiac catheterisation for CHD: the past, present, and the future. *Cardiol in Young* 2017; 27:1974–1985.
342. Hijazi ZM, Kenny DP: The 2017 Seventh World Congress of Pediatric Cardiology & Cardiac Surgery: week in review – interventional cardiology. *Cardiol in Young* 2017; 27:1997–2002.
343. Backes CH, Rivera BK, Bridge JA, Armstrong AK, Boe BA, Berman DP, Fick T, Holzer RJ, Hijazi ZM, Abadir S, Justino H, Bergersen L, Smith CV, Kirpalani H. Percutaneous patent ductus arteriosus (PDA) closure during infancy: A meta-analysis. *Pediatrics* 2017;139(2):e20162927

344. Alkashkari W, Al-Rahimi J, Albugami S, Cao Q, Hijazi ZM. Transcatheter Pulmonary Valve Replacement: The Venus P valve-Current Status. *Journal Structural Heart Disease*. 2018;4(1):1-8
345. Akobeng AK, Abdelgadir I, Boudjemline Y, Hijazi ZM. Patent foramen ovale (PFO) closure versus medical therapy for prevention of recurrent stroke in patients with prior cryptogenic stroke: A systematic review and meta-analysis of randomized controlled trials. *Catheter Cardiovasc Interv*. 2018;92:165-173
346. Kenny D, Rhodes JF, Fleming GA, Kar S, Zahn EM, Vincent J, Shirali GS, Gorelick J, Fogel MA, Fahey JT, Kim DW, Babaliaros VC, Armstrong AK, Hijazi ZM. 3-Year Outcomes of the Edwards SAPIEN Transcatheter Heart Valve for Conduit Failure in the Pulmonary Position From the COMPASSION Multicenter Clinical Trial. *J Am Coll Cardiol Interv* 2018;11:1920–9.
347. Alkhouli M, MD, Hijazi ZM, Holmes, DR Jr, Rihal CS, Wiegers SE. Intracardiac Echocardiography in Structural Heart Disease Interventions. *J Am Coll Cardiol Interv* 2018;11:2133–47.
348. Al-Qahtani A, Zakaria A, Hijazi ZM. Current Interventional Management Strategies for Coronary Arteriovenous Fistulae. *Journal of Structural Heart Disease* 2018;4(5):212-221
349. Kenny D, Eicken A, Boudjemline Y, Sievert H, Schneider MBE, Gori T, Hijazi ZM. A randomized, controlled, multi-center trial of the efficacy and safety of the Occlutech Figulla Flex-II Occluder compared to the Amplatzer Septal Occluder for transcatheter closure of secundum atrial septal defects. *Cathet Cardiovasc Interv* November 2018 (online)
350. Aljihmani L, Alic L, Boudjemline Y, Hijazi ZM, Mansoor B, Serpedin E, Qaraqe K. Magnesium-based bioresorbable stent materials: Review of Reviews. *Journal of Bio- and Tribo-Corrosion*. 2019, 5:26
351. Horlick E, Kavinsky CJ, Amin Z, Boudoulas KD, Carroll JD , Hijazi ZM, Leifer D, Lutsep HL, Rhodes JF, Jonathan M. Tobis JM. SCAI expert consensus statement on operator and institutional requirements for PFO closure for secondary prevention of paradoxical embolic stroke. [Catheter Cardiovasc Interv](#). 2019 Mar 21. [Epub ahead of print]
352. Alkashkari W, Albugami S, Hijazi ZM: Management of coarctation of the aorta in adult patients: State of the art. *Korean Circ J* 2019 Apr;49(4):298-313
353. Kaley V, Dahdah N, El-Sisi A, Grohmann J, Rosenthal E, Jones M, Morgan G, Hayes N, Shah A, Karakurt C, Sadiq M, Sigler M, Figulla H, Becker M, Haas N, Onorato E, Puentes Rico A, Roymanee S, Uebing A, Wiebe W, Samuel B, Hijazi Z, and Vettukattil. Atrial Septal Defect–Associated Pulmonary Hypertension: Outcomes of Closure With a Fenestrated Device. *Advances in Pulmonary Hypertension*: 2019 (18):4-9
354. Naidu SS, Daniels MJ, Elmariah S, et al. Hot topics in interventional cardiology: Proceedings from the Society for Cardiovascular Angiography and Interventions (SCAI) 2019 Think Tank. *Catheter Cardiovasc Interv*. 2019;1–9
355. Salustri A, Anilkumar S, Ghareep AN, Alkuwari M, MD, Hijazi ZM. Late Complication After Transcatheter Closure of Patent Ductus Arteriosus. *J Am Coll Cardiol Case Rep* 2019;1:433–5
356. Aboulhosn JA, Hijazi ZM, Kavinsky CJ, et al. SCAI position statement on adult congenital cardiac interventional training, competencies and organizational recommendations. *Catheter Cardiovasc Interv*. 2020;1–8. <https://doi.org/10.1002/ccd.28885>
357. Elgendy AY; Saver JL; Amin Z; Boudoulas KD; Carroll JD; Elgendy IY; Grunwald IQ; Gertz ZM; Hijazi ZM, MD; Horlick EM; Kasner SE; Kent DM; Kumar P; Kavinsky CJ; Liebeskind DS; Lutsep H;

- Mojadidi MK; Messé SR; Mas JL; Mattle HP; Meier B; Mahmoud A; Mahmoud AN; Nietlispach F; Patel NK; Rhodes JF; Reisman M; Sommer RJ; Sievert H; Søndergaard L; Zaman MO; Thaler D; Tobis JM. Proposal for Updated Nomenclature and Classification of Potential Causative Mechanism in Patent Foramen Ovale–Associated Stroke. *JAMA Neurol*; 2020;77(7):878-886
358. Shibbani K, Silva Bagno LDL, Poulin MF, Matella M, Diab K, Kavinsky C, Ramesh N, Bhat V, Hijazi ZM, Kenny D. Preclinical comparative assessment of a dedicated pediatric poly-L-lactic-acid-based bioresorbable scaffold with a low profile bare metal stent. *Catheter Cardiovasc Interv* 2020;1–11
 359. Kenny, D., Morgan, G. , Hijazi, Z.M. New Horizons for Interventional Cardiology - A Plug for the Future. *Pediatr Cardiol* **41**, 437 (2020). <https://doi-org.wcmq.idm.oclc.org/10.1007/s00246-020-02304-3>
 360. Alkashkari W , Albugami S, Hijazi ZM. Current practice in atrial septal defect occlusion in children and adults. *Expert Review of Cardiovascular Therapy*. 2020; DOI: 10.1080/14779072.2020.1767595
 361. Nijres BM, Aregullin EO, Al-Khatib Y, Samuel BP, Abdulla R, Hijazi ZM, Vettukattil JJ. Aortopulmonary Collaterals in Single Ventricle Physiology: Variation in Understanding Occlusion Practice Among Interventional Cardiologists. *Pediatr Cardiol* 2020; **41**, 1608–1616.
 362. Alkashkari W , Albugami S , Abbadi M , Niyazi A , Alsubei A, Hijazi ZM. Transcatheter pulmonary valve replacement in pediatric patients. *Expert Review of Medical Devices* 2020;17(6):541-554
 363. Naidu SS, Coylewright M, Hawkins BM, et al. Hot topics in interventional cardiology: Proceedings from the society for cardiovascular angiography and interventions 2020 think tank. *Catheter Cardiovasc Interv*. 2020;96:1258–1265.
 364. Aboulhosn JA, Hijazi ZM, Clifford J. Kavinsky CJ, Doff B. McElhinney DB, Asgar AW, Benson LN, Curt J. Daniels CJ, Ghobrial J, Horlick E, Ing FF, Inglessis I, Kay J, Levi DS. SCAI position statement on adult congenital cardiac interventional training, competencies and organizational recommendations. *Catheter Cardiovasc Interv* 2020;96:643-650
 365. Goreczny S, Qureshi SA, Hijazi ZM, Marshall AC, Zahn EM, Kim SH, Callahan R. Training in congenital interventional cardiology: Interviews with experts from around the globe – part one. *Adv Interv Cardiol* 2020; 16, 3 (61): 244–261.
 366. Rosenthal E, Qureshi SA, Jones M, Butera G, Sivakumar K, Boudjemline Y, Hijazi ZM, Almaskary S, Ponder RD, Salem MM, Walsh K, Kenny D, Hascoet S, Berman DP, Thomson J, Vettukattil JJ, Zahn EM. Correction of sinus venosus atrial septal defects with the 10 zig covered Cheatham-platinum stent – An international Registry. *Catheter Cardiovasc Interv* 2021;1–9.
 367. Aboulhosn JA, Hijazi ZM. Transcatheter interventions in adults congenital heart disease. *Cardiol Clin*. 2020 Aug;38(3):403-416.
 368. Rad EM, Hijazi ZM, Pouraliakbar H, Mirzaaghayan MR, Zamani H. Congenital aorto-cardiac connections (CACC): introduction of a novel anatomic-therapeutic classification. *Pediatric Cardiology* 2021, July 29. doi: 10.1007/s00246-021-02671-5
 369. Naidu SS, Baron SJ, Eng MH, Sathanandam SK, Zidar DA, Feldman DN, Ing FF, Latif F, Lim MJ, Henry TD, Rao SV, Dangas GD, Hermiller JB, Daggubati R, Shah B, Ang L, Aronow HD, Banerjee S, Box LC, Coylewright M, Duffy PL, Goldsweig AM, Hagler DJ, Hawkins BM, Hijazi ZM, Jayasuriya S, Justino H, Klein AJ, Kliger C, Mahmud E, Messenger JC, Morray BH, Parikh SA, Reilly J, Secemsky E, Shishehbor MH, Szerlip M, Yakubov SJ, Grines CL, and members of the SCAI 2020 Think Tank

consortium. Hot topics in interventional cardiology: proceedings from the society for cardiovascular angiography and interventions (SCAI) 2021 think tank. Catheter Cardiovasc Interv 2021;1-10

370. El-Sisi AM, El-Saiedi SA, Ammar R, Abdelhameed A, Hijazi ZM, Soliman MM. Safety of Occlutech Septal Occluder ACCELL Flex II for Transcatheter Closure of Secundum Atrial Septal Defects in Children: A Long-Term Follow-Up. J Interv Cardiol 2022, Jan 4.
371. Hejazi Y, Hijazi ZM, Al-Saloos H, Ben Omran T. The re-occurrence of dilated cardiomyopathy in propionic acidemia after liver transplantation requiring heart transplant, first case from Middle East. Cardiol Young 2022 Feb 16;1-4

ABSTRACTS

1. Hijazi ZM, Fahey JT, Kleinman CS, Weber HS, Hellenbrand WE. Angioplasty for recoarctation of the aorta - Initial results and follow-up. J Amer Coll Cardiol 1990;15(2):241A.
2. Hijazi ZM, Feit LR, Fahey JT, Kleinman CS, Hellenbrand WE. Long term follow-up of transcatheter closure of PDA. J Amer Coll Cardiol 1992; 19(3):25A.
3. Rhodes J, Udelson JE, Konstam MA, Marx GR, Hijazi ZM, Bova SA, Fulton DR. A new method for the estimation of peak dP/dt. J Amer Coll Cardiol 1993; 21(2):402A.
4. Hijazi ZM, Aronovitz MJ, Marx GR, Romero B, Fulton DR. Maintaining patency of the ductus arteriosus with a new balloon expandable stent in a newborn animal model. J Amer Coll Cardiol 1993; 21(2):446A.
5. Hijazi ZM, Udelson JE, Snapper H, Rhodes J, Boyle MT, Schwartz S, Shea N, Marx GR, Bova S, Fulton DR. Physiologic significance of chronic coronary aneurysms in patients with Kawasaki disease. Circulation Supplement 1993; 88(4):I-12.
6. Hijazi ZM, Geggel R, Marx G, Rhodes J, Norton C, Fulton D. How reliable is automated acoustic quantification in assessing left ventricular volumes and function in small hearts: Comparison with angiography in children with congenital heart disease. Circulation Supplement 1993; 88(4):I-576.
7. Hijazi ZM, Aronovitz MJ, Marx GR, Fulton, DR. Initial experience using a new balloon expandable stent to enlarge the branch pulmonary arteries in a neonatal animal model. Cardiol Young 1993; 3:192.
8. Marx G, Hijazi Z, Bokesch P, Rhodes J, Fulton D, Geggel R, Warner K. Biplane transesophageal echocardiography in neonates, infants, and children. Experience in 146 studies. J Am Soc Echocardiogr 7(3)(part 2):S12, May-June 1994
9. Hijazi ZM, Geggel RL. Antegrade transcatheter closure of patent ductus arteriosus (PDA) using single or multiple Gianturco coils. Circulation 1994; 90(4): I-642.
10. Hijazi ZM, Fadley F, Geggel RL, Galal O, Marx GR, deMoor M. Stent implantation for relief of branch pulmonary artery stenosis. Immediate and short-term results. J Am Coll Cardiol 1995; 100A
11. Galal OM, deMoor M, Al-Fadley F, Hijazi, Z. Transcatheter closure of the moderate sized patent ductus arteriosus: Comparison between Rashkind occluder and single or multiple Gianturco coils. The Association of European Pediatric Cardiologists.
12. Hijazi Z, Tardif J, Marx G, Geggel R, Fulton D, Rhodes J, Pandian N. Determination of Stroke Volume in The Pediatric Patients Using Automated Acoustic Quantification (AQ): comparison With the Fick Method (FM). J Am Soc Echocardiogr 8(3):348(5-V) May- June 1995.

13. Hijazi ZM, Geggel RL. Transcatheter closure of patent ductus arteriosus (PDA) using single or multiple Gianturco coils. Immediate and short-term results. *J Invas Cardiol* 1995;7(Suppl C):28C.
14. Cao QL, Hijazi Z, Azevedo J, Geggel R, Marx G, Fulton D, Vannan M, Schwartz S, Pandian N. Real-time determination of left ventricular volumes and ejection fraction in symmetric and asymmetric hearts by automated acoustic quantification in children with congenital heart disease: Comparison with biplane contrast cineangiography. *Eur Heart J* 1995;16(Suppl):108.
15. Hijazi ZM, Geggel RL. Antegrade transcatheter closure of patent ductus arteriosus in small infants (≤ 8 kg) using single or multiple Gianturco coils: Immediate and short-term results. *Eur Heart J* 1995; 16(Suppl):246.
16. Cao QL, Hijazi Z, Azevedo J, Geggel R, Marx G, Schwartz S, Vannan M, Fulton D, Pandian N. Real-time dynamic three-dimensional echocardiographic calculation of left ventricular volume and ejection fraction in children with congenital heart disease. *Eur Heart J* 1995;16(Suppl):369
17. deMoor M, Hijazi ZM, Al-Fadley F, Galal O. Anterograde transcatheter closure of patent ductus arteriosus using the Gianturco coils: Initial results. *J. Saudi Heart Assoc.* 1995; 7:85
18. Al-Fadley, Hijazi ZM, Geggel RL, Galal O, Marx GR, deMoor M. Stent implantation for relief of branch pulmonary artery stenosis: Immediate and short-term results. *J Saudi Heart Assoc* 1995; 7:86
19. Lloyd TR, Beekman RH III, Moore JW, Hijazi ZM, Hellenbrand WE, Sommer RJ, Wiggins JW, Zamora R, Vincent RN. The PDA Coil Registry: Report of the First 535 procedures. *Circulation* 1995; 92(Suppl):I-380
20. Hijazi ZM, Brahimi A, Pacera JH, Mauvecin C, Zureikat H, Rodriguez A, Belardi J, Leguizamon J, Tartini R, Delcan J, Popma JJ. Quantitative angiographic outcome after coronary angioplasty using the Angiostent. *J Invas Cardiol* 1996;8:47.
21. Lloyd TR, Beekman RH III, Moore JW, Hellenbrand WE, Hijazi ZM, Sommer RJ, Zamora R, Rothman A, for the PDA coil investigators. The PDA coil registry: 250 patient-years of follow-up. *J Am Coll Cardiol* 1996;27(Suppl A):34A.
22. Das GS, Hijazi ZM, O'Laughlin MP, Mendelsohn AM, for the investigators. Initial results of the US. PFO/ASD closure trial. *J Am Coll Cardiol* 1996;27(Suppl A):119A.
23. Magni G, Hijazi ZM, Marx G, Das G, Delabays A, Levine J, Fulton D, Pandian N. Utility of 3-D echocardiography in patient selection and guidance for atrial septal defect (ASD) closure by the new DAS-Angel Wings occluder device. *J Am Coll Cardiol* 1996;27(suppl A):190A.
24. Hijazi ZM, Kuhn MA, Cheatham JP, Latson L, Geggel RL. Balloon atrial septostomy using a new low profile balloon catheter: Initial clinical results. *Cath Cardiovasc Diag* 1996;38:113.
25. Hijazi ZM, Marx GR, Geggel RL, Schwartz S, Fulton DR. Intravascular ultrasound studies to determine size and shape of patent ductus arteriosus and to assess extent of coil protrusion: Comparison with angiography. *J Am Soc Echocardiogr* 1996;9:388
26. Magni G, Marx G, Vogel M, Sugeng L, Cao QL, Warner K, Romero B, Hijazi ZM, Schwartz S, Pandian N. Confirmation of 3-dimensional echocardiography findings in congenital heart disease: Comparison with surgery, resected anatomic specimens, and anatomic changes pre and post surgery. *J Am Soc Echocardiogr* 1996;9:373
27. Hijazi ZM. International Pediatric Cardiology: What does the primary care pediatrician need to know? *Malaysian J Child Health* 1996;8(Suppl 1):125

28. Royer T, Hijazi ZM, Bertrand M, Tartini R, Crean P, Risau G, Garcia E, Popma J for the Angiostent Study Group. Quantitative angiographic results after coronary angioplasty using the AngioStent. *Eur Heart J* 1996;17(Abstr Suppl):412
29. Das GS, Shrivastava S, O'Laughlin MP, Salmon AP, Mendelsohn AM, Hijazi ZM, Snider J for the investigators. Intermediate term follow-up of patients after percutaneous closure of atrial septal defects with the DAS Angel Wings device. *Circulation (Suppl 1)* 1996;95(8): 1-56
30. Hijazi ZM, Geggel RL. Transcatheter closure of large patent ductus arteriosus (>4 mm) using multiple Gianturco coils: Immediate and mid-term results. *Circulation (Suppl 1)* 1996;94(8):1-57
31. Hijazi ZM, Acar P, Das GS, Delabays A, Laskari C, Marx GR. Three-dimensional echocardiographic assessment of the Angel Wings device for atrial septal defect closure. *Circulation (Suppl 1)* 1996;94(8):1-416
32. Evangelista JK, Hijazi ZM, Geggel RL, Oates E, Fulton DR. Does multiple coil closure of the patent ductus arteriosus interfere with blood flow to the left lung? Results of lung perfusion scans. *Cath Cardiovasc Diag* 1997;41:113
33. Hiari A, Goussous Y, Abu Ata I, Tamashiro A, Sampoalesi A, Hijazi ZM. Transcatheter closure of secundum atrial septal defects in adult patients using the new Amplatzer Septal Occluder. *Am J Cardiol* 1997;80(7A):67S
34. Masura J, Walsh KP, Gavora P, Holan M, Hijazi ZM. Transcatheter closure of moderate to large sized patent ductus arteriosus using the new self-expandable Amplatzer Ductal Occluder: Initial clinic experience. *Circulation* 1997;96(I-373)
35. Masura J, Walsh KP, Gavora P, Holan M, Hijazi ZM. Transcatheter closure of secundum atrial septal defects using the new nitinol self-expandable, repositionable Amplatzer Septal Occluder: Initial clinic experience. *Circulation* 1997;96(I-568)
36. Masura J, Lange PE, Wilkinson JL, Kramer HH, Alwi M, Goussous Y, Thanopoulos B, Walsh KP, Hijazi ZM. US/International multicenter trial of atrial septal catheter closure using the Amplatzer septal occluder: Initial results. *J Am Coll Cardiol* 1998;31 (Suppl A):57A
37. Rhodes J, Dave A, Pulling MC, Geggel RL, Hijazi ZM, Fulton DR, Marx GR. Effect of pulmonary artery stenosis on the cardiopulmonary response to exercise following repair of tetralogy of Fallot. *J Am Coll Cardiol* 1998;31 (Suppl A):325A
38. Salmon AP, Das GS, O'Laughlin M, Mendelsohn AM, Koike K, Sebening W, Harrison JK, Hijazi ZM, Keeton BR, Brown EM, Hamm C, Weil J, Ballerini L, Shrivastava S, Redington A, Snider J. Clinical experience with the Angel Wings DAS device for closure of atrial communications. *Cardiol Young* 1998;9 (Suppl 1):4
39. Ruiz CE, Dorros G, Hijazi ZM, Londero HF, Ulfacker R, Khosravi F, Sigwart U. Initial human experience in pediatric and adult patients with a new covered self-expanding coil sheet stent. *Circulation* 1998;98(17):1-67
40. Cao QL, Hijazi ZM, Berger F, Lange PE, Radtke W, Fontes V, Walsh KP. Transcatheter closure of multiple atrial septal defects (ASD) using two Amplatzer septal occluder (ASO) devices: Initial results. *Circulation* 1998;98(17):1-414
41. Hijazi ZM, Lange PE, Berger F, Beitzke A, Masura J, Goussous YM, Cao QL, Hanlon KM. Transcatheter closure of moderate to large size secundum atrial septal

defects (ASD) in adult patients >18 yr of age using the Amplatzer septal occluder: Results of multicenter international trial. *Circulation* 1998;98(17):1-716

42. Patel H, Hijazi ZM, Cao QL, Rhodes J. Mid to long-term outcome of transcatheter closure of small to large patent ductus arteriosus (PDA) using single or multiple Gianturco coils in 145 patients. *Circulation* 1998;98(17):1-755
43. Fontes V, Esteves C, Braga S, Pedra C, Pedra S, Pontes Jr. S, Assef J, Hijazi ZM, Santana MV, Sousa JE. Fechamento percutaneo da comunicacao arterial com a protese de Amplatzer. Experiencia inicial. [Percutaneous closure of atrial septal defects with the Amplatzer septal occluder. Initial experience]. *Rev Card SOCESP* 1998; 8 (4suppl B): 33
44. Pedra CAC, Esteves CA, Pedra SF, Braga SN, Assef JE, Pontes Jr SC, Santana MV, Sousa JE, Hijazi ZM, Fontes VF. Fechamento percutaneo da CIA com a protese de Amplatzer. [Percutaneous occlusion of ASD with the Amplatzer occluder]. *Rev Soc Bras Card Inv* 1998; (6): 30
45. Thanopoulos BD, Hijazi ZM, Moore J, Goussous YM, Hakeem F, Bass J. Closure of muscular ventricular septal defects with modified Amplatzer device: Initial clinical application in children. *J Am Coll Cardiol* 1999;33 (Suppl A):519A.
46. Hill SL, Berul CI, Patel H, Rhodes J, Hijazi ZM. Ambulatory ECG analysis following transcatheter closure of atrial septal defects using the Amplatzer septal occluder device. *J Am Coll Cardiol* 1999;33(SupplA):520A.
47. Cao QL, Zhu W, Patel H, Rhodes J, O'Brien S, Banerjee A, Hijazi ZM. Measurement of rims of atrial septal defects during device closure of 3-D transesophageal echocardiography. *J Am Coll Cardiol* 1999;33(SupplA):521A.
48. Alwi M, Masura J, Goussous Y, Walsh KP, Kramer HH, Hijazi ZM. International/US multicenter trial of transcatheter closure of patent ductus arteriosus (PDA) using the Amplatzer duct occluder: Acute & mid-term results. *J Am Coll Cardiol* 1999;33(SupplA):527A.
49. Hijazi ZM, Masura J, Goussous Y, Berger F, Esteves C, rey C. Amplatzer septal occluder for catheter closure of large (>20 mm) secundum atrial septal defects (ASD): Results of international/US multicenter clinical trial. *J Am Coll Cardiol* 1999;33(SupplA):531A.
50. Rhodes J, Fischbach PS, Patel H, Banerjee A, Hijazi ZM. Factors affecting the exercise capacity of pediatric patients with aortic regurgitation. *Pediatr Res* 1999;45:29A
51. Thanopoulos BD, Hijazi ZM, Moore J, Goussous YM, Hakeem F, Bass J. Closure of muscular ventricular septal defects with modified Amplatzer device: initial clinical applications in children. *Cardiol Young* 1999;9(suppl2):3
52. Cheatham J, Tower A, Ruiz C, Goussous Y, Hakim F, Torres W, Bandel J, Mullins C, Hernandez L, Wilson N, Hijazi ZM. Initial experience using the NuMed Cheatham Platinum (CP) stent and a new balloon delivery catheter in children and adults with congenital heart disease. *Cathet Cardiovasc Intervent* 1999;47:122

53. Hijazi ZM, Patel H, Zhu W, Cao QL, Hanlon K. Non-surgical closure of atrial communications in children and adults using the Amplatzer septal occluder: single operator experience. *Cathet Cardiovasc Intervent* 1999;47:124
54. Hijazi ZM, Patel H. Long-term outcome of transcatheter coil closure of small-to-large patent ductus arteriosus. *Cathet Cardiovasc Intervent* 1999;47:128
55. O'Brien SE, Zhu W, Cao QL, Hijazi ZM. Rapid decrease of right ventricular volume overload following transcatheter closure of secundum atrial septal defects. *Cathet Cardiovasc Intervent* 1999;48:116
56. Madani A, Patel HT, Zhu W, O'Brien SE, Cao QL, Hijazi ZM. Stretching the limits of transcatheter closure of secundum atrial septal defects using the Amplatzer septal occluder. *Cathet Cardiovasc Intervent* 1999;48:120
57. Madani A, Hakim F, Goussous YM, Hijazi ZM. Transcatheter closure of small-large muscular ventricular septal defects using the new Amplatzer VSD occluder: initial clinical results. *Cathet Cardiovasc Intervent* 1999;48:121
58. Cheatham J, Tower A, Ruiz C, Goussous Y, Hakim F, Torres W, Bandel J, Mullins C, Hernandez L, Wilson N, Christiani L, Pauperio H, Carvalho A, Esteves C, Hijazi ZM. Initial experience using the NuMed Cheatham Platinum (CP) stent and balloon in balloon (BIB) delivery catheter in children and adults with congenital heart disease. *Cathet Cardiovasc Intervent* 1999;48:121
59. Madani A, Patel HT, Zhu W, Hijazi ZM. Balloon angioplasty for native coarctation of the aorta in infants: Is it worth the hassle? *Cathet Cardiovasc Intervent* 1999;48:122
60. Cheatham JP, Tower AJ, Ruiz CE, Goussous YM, Hakim F, Torres W, Bandel J, Mullins CE, Hijazi ZM, Wilson N, Christiani L, Pauperio H. Initial experience using the NuMED Cheatham Platinum stent and balloon in balloon delivery catheter in children and adults with congenital heart disease. *Circulation* 1999;100(Suppl I):I-30.
61. Madani A, Hakim F, Hiari A, Abu-Ata I, Goussous YM, Hijazi ZM: Transcatheter closure of small-large muscular ventricular septal defects using the new Amplatzer VSD occluder: initial clinical results. *Circulation* 1999;100(Suppl I):I-321
62. Hijazi ZM, Radtke W, Ebeid MR, Rocchini AP, Moore JW, Beekman RH, Slack MC, Balzer D, Wax D, Bass J. Transcatheter closure of secundum atrial septal defects using the Amplatzer septal occluder: results of Phase II US multicenter clinical trial. *Circulation* 1999;100(Suppl I):I-804.
63. Sandhu SK, Hijazi ZM, Amin Z, Pelech AN, Zellers TM: Transcatheter closure of patent ductus arteriosus using the Amplatzer duct occluder: results of Phase I US multicenter clinical trial. *Circulation* 1999;100(Suppl I):I-804.
64. El-Helw T, Bhadelia RA, Hanlon K, Hijazi ZM: Radiological appearances of Amplatzer septal occluder after transcatheter closure of atrial communications. *Radiology* 1999;213:554.
65. Waight DJ, Hijazi ZM, Cao QL, Patel HT, Rhodes J, Koenig P: Transcatheter closure of atrial septal defects in children and adults using the Amplatzer device: Initial and 6-months transesophageal echocardiographic results. *JACC* 2000; 35(Suppl A):499A.
66. O'Brien SE, Zhu W, Cao QL, Hijazi ZM: Rapid decrease of right ventricular volume overload following transcatheter closure of secundum atrial septal defects. . *JACC* 2000; 35(Suppl A):510A.

67. Hijazi ZM, Cao QL, Patel HT, Waight DJ: Transcatheter closure of atrial communications (ASD/PFO) in adult patients >18 yr of age using the Amplatzer septal occluder: Immediate and mid-term results. . JACC 2000; 35(Suppl A):522A.
68. Singh S, Thaler D, Hijazi ZM, Salem D, Pauker S: Patients with patent foramen ovale: When do we seek closure? . JACC 2000; 35(Suppl A):550A.
69. Hijazi ZM, Waight DJ, Masura J, Berger F, Kramer HH, Alwi M, Wilkinson JL, Thanopoulous BD, Arora R, Cao QL, Amplatz K: Transcatheter closure of atrial septal defect in children and adults using the Amplatzer™ septal occluder: international clinical trial with complete one month follow-up. Cathet Cardiovasc Intervent 2000;50:132
70. Hill SL, Patel HT, Rhodes J, Bubolz B, Hijazi ZM: Arrhythmias and Amplatzer Septal Occluder Device closure of secundum atrial septal defects. . Cath Card Intervent 2000;51:122
71. Waight DJ, Hijazi ZM, Masura J, Berger F, Kramer HH, Alwi M, Wilkinson JL, Thanopoulous BD, Arora R, Cao QL, Amplatz K: Transcatheter closure of atrial septal defects in children and adults using the Amplatzer Septal Occluder: International clinical trial with complete one month follow-up. Cath Card Intervent 2000;51:125
72. Koenig PK, Cao QL, Sugeng L, Krauss M, Gizowski K, Lang R, Hijazi ZM: Feasibility of freehand transthoracic 3-D echocardiography in infants, children and adolescents. Cathet Cardiovasc Intervent 2000;50:126
73. Cao QL, Koenig PK, Waight DJ, Gizowski K, Heitschmidt M, Hijazi ZM: Rapid normalization of interventricular septal wall motion in children and adults following transcatheter closure of secundum atrial septal defects. Cath Card Intervent 2000;51:126
74. Waight DJ, Cao QL, Koenig PR, Patel HT, Joseph A, Hijazi ZM: Transcatheter occlusion of large P(\geq 20MM) atrial septal defects in children and adults using the Amplatzer septal occluder. Ped Card 2000;6:588
75. Zellers TM, Hijazi ZM, Sandhu S, Pelech AN, Amin Z, Patel HT, Bass J, Ebeid MR, Balzer D, Radtke W, Hoyer MH, Hagler DJ: Catheter closure of patent ductus arteriosus using the Amplatzer device: Interim report on US Phase I and II clinical trial. Circ 2000;102:II-587
76. Omeish A, Hijazi ZM: Transcatheter closure of atrial septal defects in children and adults using the Amplatzer septal occluder. J Interv Cardiol 2001 Feb; 14(1):37-44
77. Hijazi ZM, Wang ZW, Cao QL, Koenig PR, Waight DJ, Lang R: Transcatheter closure of atrial septal defects and patent foramen ovale under intracardiac echocardiographic guidance: Feasibility and comparison with transesophageal echocardiography. JACC 2001; 37 (Suppl A):453A
78. Waight DJ, Cao QL, Du ZD, Hijazi ZM: Amplatzer Muscular Ventricular Septal Defect Occluder. Chinese Journal of Pediatrics. New Century Children's Heart Disease International Symposium Supplement, 2001; 91-96
79. ZD, Cao, QL, Hijazi ZM: Transcatheter Closure of Patent Foramen Ovale in Patients with Paradoxical Embolism: Intermediate-term Risk of Recurrent Neurological Events. Chinese Journal of Pediatrics. New Century Children's Heart Disease International Symposium Supplement, 2001; 97
80. Hijazi ZM, Wang ZG, Du ZD, Cao QL: Transcatheter closure of Atrial Septal Defects & Patent Foramen Ovale Under Intracardiac Echocardiographic Guidance: Feasibility and Comparison with

81. Du ZD, Cao QL, Hijazi ZM: Rapid Normalization of Right Ventricle Volume Overload After Catheter Closure of Atrial Septal Defect in Children and Adults. Chinese Journal of Pediatrics. New Century Children's Heart Disease International Symposium Supplement, 2001; 99
82. Hijazi ZM, Du ZD, Cao QL, Mahony L, Radtke W, Pelech AN, Hagler DJ, Rocchini A, McMahon WS, Balzer D, Wax D: Comparison of Transcatheter Amplatzer Device and Surgical Closure of Atrial Septal Defect: A Multi-Center Non-randomized Controlled Study. Chinese Journal of Pediatrics. New Century Children's Heart Disease International Symposium Supplement, 2001; 100
83. Du ZD, Cao QL, Hijazi ZM: The Impact of Device Size Choice on Transcatheter Closure Results of Atrial Septal Defect by the Amplatzer Septal occluder. Chinese Journal of Pediatrics. New Century Children's Heart Disease International Symposium Supplement, 2001;101
84. Cao QL, Du ZD, Hijazi ZM: Immediate and 6-month Results of the Profile of the Amplatzer Septal Occluder as Assessed by Transesophageal Echocardiography. Chinese Journal of Pediatrics. New Century Children's Heart Disease International Symposium Supplement, 2001;102
85. Hijazi ZM, Du ZD, Mahony L, Radtke W, Pelech AN, Hagler DJ, Rocchini AP, McMahon WS, Balzer D, Wax D: Comparison of Transcatheter Amplatzer Device and Surgical Closure of Atrial Septal Defect: A Multi-Center Non-Randomized Controlled Study. Circ 2001;104 (Suppl II):II-780
86. Kim JJ, Hijazi ZH: Clinical outcomes and costs of amplatzer transcatheter closure as compared with surgical closure of ostium secundum atrial septal defects. J Amer Coll Card 2002;39 (Suppl A 1048-168).
87. Du ZD, Cao QL, Koenig P, Waight D, Heitschmidt M, Hijazi ZM: Transesophageal echocardiographic guidance of catheter closure of ventricular septal defects in children and adults. J Amer Coll Card 2002;39 (Suppl A 1069-56).
87. Waight DJ, Hijazi, ZM: Stent Therapy for Coarctation of the Aorta: Initial Results and Early Follow Up. 26th Annual Scientific Session of the Midwest Pediatric Cardiology Society, Chicago, IL September 13, 2002.
88. Hijazi ZM: Cao QL, Hakim, F, Cheatham, JP, Sievert H: Catheter closure of perimembranous VSD using the new Amplatzer membranous VSD occluder: Initial clinical experience. 26th Annual Scientific Session of the Midwest Pediatric Cardiology Society, Chicago, IL September 13, 2002.
89. Koenig P, Cao QL, Waight DJ, Heitschmidt M, Hijazi ZM: Role of Intracardiac Echocardiographic Guidance in Transcatheter Closure of Atrial Septal Defects and Patent Foramen Ovale Using the Amplatzer Device. 26th Annual Scientific Session of the Midwest Pediatric Cardiology Society, Chicago, IL September 13, 2002.
90. Hakim F, Madani A, Haweleh AA, Tarawneh W, Hiari A, Cao QL, Hijazi ZM: Catheter closure of perimembranous ventricular septal defects using the Amplatzer PMVSD device: initial clinical experience. Cathet Cardiovasc Intervent 2002;57:99
91. Waight DJ, Du ZD, Cao QL, Rhodes J, Joseph A, Koenig P, Heitschmidt M, Hijazi ZM: Transcatheter closure of secundum atrial septal defects in adult patients using the Amplatzer septal occluder. Cathet Cardiovasc Intervent 2002;57:107

92. Koenig P, Cao QL, Waight DJ, Heitschmidt M, Hijazi ZM: Role in intracardiac echocardiographic guidance in transcatheter closure of atrial septal defects and patent foramen ovale using the Amplatzer device. *Cathet Cardiovasc Intervent* 2002;57:107
93. Koenig P, Cao QL, Waight DJ, Heitschmidt M, Hijazi ZM: Role of intracardiac echocardiographic guidance in transcatheter closure of atrial septal defects and patent foramen ovale using the Amplatzer device. *Circulation* 2002; 106(Suppl):II-452
94. Pass H, Hijazi ZM, Hsu DT, Lewis V, Hellenbrand WE: Multi-center US Amplatzer PDA occlusion device trial: initial and mid-term results. *Circulation* 2002;106(Suppl):II-485
95. Hijazi ZM, Hakim F, Madani A, Hawleh AA, Tarawneh W, Hiari A, Cao QL: Catheter closure of perimembranous ventricular septal defects using the new Amplatzer membranous VSD occluder: initial clinical experience. *Circulation* 2002;106(Suppl):II-486
96. Ruiz CE, Varga P, Deligio A, Medie SC, Halliday LC, Hijazi ZM: New low profile biodegradable percutaneous valve placement in a swine model with severe pulmonary regurgitation. *Circulation* 2002;106(Suppl):II-619
97. Hijazi ZM, Cao QL, Joseph A, Du, ZD, Heitschmidt, M, Waight DJ, Koenig P, Patel H, Rhodes J: Transcatheter closure of secundum atrial septal defects in adult patients using the Amplatzer septal occluder. *Circulation* 2002;1061(Suppl):II-620
98. Hong T, Hijazi ZM, Hagler DJ, Patel H, Cheatham JP, Satler L, Smalling R: Results of US Phase I Clinical Trial of closure of patent foramen ovale associated with stroke/transient ischemic attack or peripheral embolism using the Amplatzer patent foramen ovale device. *J Amer Coll Cardiol* 2003;41(Suppl A):75A.
99. Hong T, Hijazi ZM, Hellenbrand WE, Cheatham JP, Amin Z, Jones TK for the Amplatzer Investigators: Results of Phase I and II Clinical Trials of transcatheter closure of patent ductus arteriosus in adult patients using the Amplatzer Duct Occlud. *J Amer Coll Cardiol* 2003;41(Suppl A): 75A.
100. Hijazi ZM, Balzer D, Ruiz C, Vance M, Bass J, Heitschmidt M: Transcatheter closure of post-infarct ventricular septal defects: immediate and mid-term results of US registry using the Amplatzer Post-Infarct Ventricular Septal Defect Occluder. *J Amer Coll Cardiol* 2003;41(Suppl A):79A.
101. Cao QL, Hijazi ZM, Koenig P, Jin M, Sims J, Waight DJ, Heitschmidt M, Lang RM: Intracardiac echocardiographic guidance of transcatheter closure of atrial septal defects and patent foramen ovale: comparison with transesophageal echocardiography and cine fluoroscopy. *J Amer Coll Cardiol* 2003;41(SupplA):437A.
102. Amin Z, Ringewald JM, Fagan T, Hijazi ZM, Moore PM, Turner D, Forbes TJ: Preliminary results of Genesis stents in native and postoperative pediatric congenital cardiac lesions: A multi-institutional study. *Cathet Cardiovasc Intervent* 2003;59:143.
103. Zimmerman FJ, Knight BP, Waight DJ, Casey C, Heitschmidt M, Hijazi ZM. Effect of transcatheter closure of atrial septal defects on atrial tachyarrhythmias in adults. Poster presentation at the 24th Annual Scientific Sessions of the NASPE, Washington DC, May 2003. *PACE* 2003;26:2.
104. Robinson J, Zimmerman F, Waight D, Heitschmidt M, Hijazi ZM: Transcatheter closure of muscular ventricular septal defects: effects on cardiac conduction and arrhythmias. *Cathet Cardiovasc Intervent* 2003;59:144.

105. Amin Z, Hijazi ZM, Zellers T, Radtke WA: Closure of coronary artery fistula with the Amplatzer duct occluder: preliminary results from the registry group. Cathet Cardiovasc Intervent 2003;59:148.
106. Holzer R, Hijazi ZM, Wilkinson J, Goh TH, Sievert H, DeGiovanni J, Hakim F, Walsh KP, Hroob A, Bonhoeffer P, For the Amplatzer Membranous VSD Investigators: Transcatheter closure of perimembranous ventricular septal defects using the Amplatzer membranous VSD occluder: Immediate results. Cathet Cardiovasc Intervent 2003;60:123.
107. Alboliras ET, Nole R, Hijazi ZM. Cost comparison of intracardiac echo and transesophageal echo in monitoring percutaneous device closure of atrial septal defect. Catheter Cardiovasc Interv 2003;60:123
108. Shah L, Holzer R, Joseph A, Waight DJ, Hijazi ZM. Percutaneous stenting of native coarctation and recoarctation. Catheter Cardiovasc Interv 2003;60:127
109. Heitschmidt M, Waight DJ, Joseph A, Hijazi ZM. Effects on pulmonary blood flow after catheter closure of patent ductus arteriosus using the Amplatzer duct occlud. Catheter Cardiovasc Interv 2003;60:127
110. Bacha E, Cao Q, Koenig P, Waight D, Starr J, Quinones J, Hijazi Z. Periventricular device closure of muscular VSD's on the beating heart. Catheter Cardiovasc Interv 2003;60:127
111. Amin Z, Hijazi ZM, Chan C, Ebeid M, Radtke W, Ing F, Hellenbrand W, Sandhu S, Zellers T. Use of Amplatzer duct occluder for complex congenital cardiac lesions: results from the registry group. Catheter Cardiovasc Interv 2003;60:127
112. Holzer R, Hijazi ZM, Balzer D. Transcatheter closure of muscular ventricular septal defects using the Amplatzer muscular VSD occluder: mid-term results of a US registry. Catheter Cardiovasc Interv 2003;60:128
113. Holzer R, Hijazi ZM, Waight D. Transcatheter stent implantation to rehabilitate branch pulmonary artery stenosis. Catheter Cardiovasc Interv 2003;60:132.
114. Bacha E, Cao QL, Koenig P, Starr J, Alboliras E, Waight D, Quinones J, Hijazi Z. Results of periventricular device closure of muscular ventricular septal defects in the beating heart. Circulation 2003;108[supplIV]:IV-410
115. Alboliras E, Hijazi Z. Cost comparison of intracardiac echo and transesophageal echo in monitoring percutaneous device closure of atrial septal defect. Circulation 2003;108[supplIV]:IV-534
116. Holzer RJ, Hijazi ZM, Balzer D. Transcatheter closure of muscular ventricular septal defects using the Amplatzer muscular VSD occluder: Mid term results of a US registry. Circulation 2003;108[supplIV]:IV-704
117. Holzer RJ, Hijazi ZM, Wilkinson J, Goh TH, Sievert H, DeGiovanni J, Hakim F, Walsh K, Hroob A, Bonhoeffer P. Transcatheter closure of perimembranous ventricular septal defects using the Amplatzer membranous VSD occluder: Immediate results. Circulation 2003;108[supplIV]:IV-705
118. Amin Z, Hijazi ZM, Pick R, Tadros P, Strumpf R: Extending the limits of Amplatzer septal occluder: Closure of atrial septal defects beyond 38mm in diameter. Cathet & Cardiovasc Interven 2004;62:141
119. Starr J, Bacha E, Cao Q, Koenig P, Waight D, Quinones J, Hijazi Z: Periventricular device closure of muscular VSDs on the beathing heart. Pediat Cardiol 2004;25:168-9
120. Alboliras ET, Nole R, Hijazi ZM: Cost comparison of intracardiac echo and transesophageal echo in monitoring percutaneous device closure of atrial septal defect. Pediat Cardiol 2004;25:179-80

121. DeGiovanni JV, Shebani S, Miller P, Clift P, Thorne SA, Daniels A, Hijazi Z, Tofeig M. Perimembranous ventricular septal defect closure using the amplatz PVSD device. *European Heart Journal* 2004;25:1322
122. Lopez KN, Dalvi B, Cheatham J, Balzer D, Momenah T, Cao QL, Hijazi ZM: The safety and efficacy of the 40mm Amplatzer septal occluder. *JACC* 2005;45:67A
123. Patel A, Cao QL, Koenig PR, Hijazi ZM: Use of intracardiac echocardiography for closure of atrial communications in patients less than 15 kilograms. *JACC* 2005;45:301A
124. Patel A, Lopez KN, Cao QL, Sandhu S, Hijazi ZM: Transcatheter closure of atrial septal defects in adults greater than forty years of age: Immediate and follow up results. *Catheter and Cardiovasc Intervent* 2005;66:71. Oral Presentation at PICS ENTICHS 2005, September 15-18, 2005, Buenos Aires, Argentina
125. Lopez KN, Patel A, Cao QL, Sandhu S, Hijazi ZM. Transcatheter closure of atrial septal defects in adults greater than forty years of age: immediate and follow-up results. *Circulation* 2005
126. Moore P, Feldman TE, Mead H, Hijazi ZM, Rippey M, Richardson K, Francis D, Home K, Filloux D, Jose A, Dineen A: Congenital heart disease and pediatric cardiology highlights: From innovation to outcomes. *JACC* 2006;47:249A
127. Garay F, Cao QL, Olin J, Eitchaninoff H, Nercolini D, Hijazi ZM: Cribier-Edwards aortic bioprosthesis in the pulmonic position; initial animal experience. *JACC* 2006;47:239A
128. Garay F, Cao QL, Sandhu S, Koenig P, Alboliras E, Hijazi ZM: Multiple Amplatzer septal occluder devices for multiple atrial communications: immediate and long-term follow-up results. *Catheter Cardiovasc Intervent* 2006;67:838
129. Diab KA, Sandhu S, Cao QL, Koenig P, Alboliras E, Hijazi ZM: Device closure of atrial septal defects in infants less than one year of age: Safety and outcome using the Amplatzer septal occluder. *Catheter Cardiovasc Intervent* 2006;68:464-465. Oral Presentation at PICS 2006, September 10-13, 2006 in Las Vegas, NV
130. Diab KA, Sandhu S, Cao QL, Heitschmidt M, Joyce MB, Hijazi ZM: Percutaneous and perventricular muscular VSD closure in infants less than one year of age: Feasibility and outcome using the Amplatzer muscular VSD occluder. *Catheter Cardiovasc Intervent* 2006;68:465. Oral Presentation at PICS 2006, September 10-13, 2006 in Las Vegas, NV
131. Sandhu SK, Hijazi ZM, Cao QL: Closure of the muscular ventricular septal defect with the Amplatzer duct occluder: short-term follow-up. *Catheter Cardiovasc Intervent* 2006;68:494. Poster Presentation at PICS 2006, September 10-13, 2006 in Las Vegas, NV
132. Sandhu SK, Hijazi ZM: Effectiveness of cutting balloon angioplasty in the treatment of pulmonary artery stenosis. *Catheter Cardiovasc Intervent* 2006;68:494. Poster Presentation at PICS 2006, September 10-13, 2006 in Las Vegas, NV
133. Robinson JDC, Knight BP, Hijazi ZM, Zimmerman F: Effect of transcatheter closure of atrial septal defects on atrial tachyarrhythmias in adults. *Catheter Cardiovasc Intervent* 2006;68:497. Poster Presentation at PICS 2006, September 10-13, 2006 in Las Vegas, NV
134. Lodato JA, Cao QL, Weinert L, Sugent L, Lang RM, Hijazi ZM: Real-Time 3D transesophageal echocardiography in the guidance of ostium secundum atrial septal defect closure: comparison with

- intracardiac and 2D transeophageal echocardiography. Presented at AHA Scientific Sessions November 4-7, 2007, Orlando, FL
135. Spies C, Kavinsky C, Schrader R, Hijazi ZM: Patent foramen ovale closure in elderly patients following cryptogenic thromboembolic events. JACC 2008; 51(Suppl B):B21
 135. Lodato J, Cao QL, Weinert L, Sugeng L, Lopez J, Lang R, Hijazi ZM: Utility of real-time 3D transesophageal echocardiography for guidance of percutaneous atrial septal defect closure. Presented at PICS-AICS 08, 7/20-23/08, Las Vegas, NV. Catheter Cardiovasc Intervent 2008, 71, S5-S6
 136. Spies C, Kavinsky C, Schrader R, Hijazi ZM: Patent foramen ovale closure in elderly patients following cryptogenic thromboembolic events. Presented at PICS-AICS 08, 7/20-23/08, Las Vegas, NV. Catheter Cardiovasc Intervent 2008, 71, S10
 137. Kumar A, Al-Hindi A, Cao QL, Heitschmidt M, Amin Z, Kavinsky C, Hijazi ZM: Acute and one-month follow up after percutaneous implantation of the Edwards Sapien Transcatheter Heart Valve (THV) in the pulmonic position: Results of US Phase I Trial. Presented at SCAI 32nd Annual Scientific Session in Las Vegas, Nevada on May 6-9, 2009. Catheter Cardiovasc Intervent 2009, 73, S6-S7
 138. Richmond T, Slyder S, Krishnan K, Kavinsky C, Hijazi ZM: Electrocardiographic changes following transcatheter atrial septal defect and patent foramen ovale closure with the Gore Helex septal occluder. Presented at SCAI 33rd Annual Scientific Session in San Diego, CA on May 5-8, 2010. Catheter Cardiovasc Intervent 2010, 75, S64
 139. Khandelwal A, Slyder S, Kavinsky C, Hijazi ZM: Gore Helex occluder for closure of PFO in patient with paradoxical embolus. Presented at SCAI 33rd Annual Scientific Session in San Diego, CA on May 5-8, 2010. Catheter Cardiovasc Intervent 2010, 75, S64-S65
 140. AlKashkari W, Hijazi ZM, Kavinsky C, Balan P: Percutaneous device closure of congenital and iatrogenic ventricular septal defects in the adult patients. Presented at PICS-AICS 2010 in Chicago, IL on July 17-21, 2010. Catheter Cardiovasc Intervent 2010, 76, S6
 141. Hijazi ZM, Makkar R, Kar S, Rhodes J, Shirali G, Amin Z, Kavinsky, C: Results of transcatheter pulmonary valve implantation using the Edwards Sapien THV: US feasibility (Compassion) results. Presented at PICS-AICS 2010 in Chicago, IL on July 17-21, 2010. Catheter Cardiovasc Intervent 2010, 76, S6-S7
 142. Taqatqa A, Amin Z, Slyder S, Awadallah S, Hijazi ZM: Unusual applications for the usual Amplatzer Septal Occluder. Presented at PICS-AICS 2010 in Chicago, IL on July 17-21, 2010. Catheter Cardiovasc Intervent 2010, 76, S16-S17
 143. Salkini A, Slyder S, Hijazi ZM: Closure of a right atrial pseudoaneurysm using Amplatzer Septal Occluder: A case report. Presented at PICS-AICS 2010 in Chicago, IL on July 17-21, 2010. Catheter Cardiovasc Intervent 2010, 76, S27-S28
 144. AlKashkari W, Hijazi ZM: Pre-Closure of large (>20Fr) femoral venous access sites with perclose device in adults undergoing cardiac intervention. Presented at PICS-AICS 2010 in Chicago, IL on July 17-21, 2010. Catheter Cardiovasc Intervent 2010, 76, S32
 145. Kenny D, Hijazi ZM, Kar S, Rhodes J, Mullen M, Makkar R, Shirali G, Fogel M, Fahey, J, Heitschmidt M, Cain C: Percutaneous implantation of the Edwards SAPIEN transcatheter heart valve for conduit failure in the pulmonary position: Early phase I results from an international multicenter clinical trial. Catheter Cardiovasc Intervent 2011, 78:S161

146. Gonzalez I, Kenny D, Slyder S, Hijazi ZM: Long-term outcomes for bilateral pulmonary artery stenting in children and adults with congenital heart disease. *Catheter Cardiovasc Intervent* 2011, 78:S164
147. Kenny D, Fish D, Paniagua D, Mejia C, Induni E, Paniagua DE, Gonzalez E, Hijazi ZM: First prepackaged 26mm transcatheter aortic valve premounted in a 14Fr delivery system: Miniswine implant in the pulmonary position of the Colibri heart valve. *Catheter Cardiovasc Intervent* 2011, 78:S165
148. Slyder S, Kenny D, Zmin Z, Hijazi ZM: Reduction in catheter laboratory operator radiation exposure following introduction of lightweight radiation protection lead drape. *Catheter Cardiovasc Intervent* 2011, 78:S166
149. Holoshitz N, Kenny D, Glase C, Soble J, March R, Kavinsky C, Hijazi ZM: Single center sub-analysis of the Everest II-Realism trial: interim results. *Catheter Cardiovasc Intervent* 2011, 78:S175
150. Gonzalez I, Awad S, Cao QL, Abdulla R, Heitschmidt M, Hijazi ZM: Use of intracardiac echocardiography to guide percutaneous pulmonary valve implantation. *Catheter Cardiovasc Intervent* 2011, 78:S180
151. Khandelwal A, Slyder S, Kenny D, Kavinsky C, Hijazi ZM: Patent foramen ovale closure rates with the Gore Helex septal occlude: Immediate and follow up assessment using simultaneous echocardiography and transcranial Doppler. *Catheter Cardiovasc Intervent* 2011, 78:S187
152. Faza N, Kenny D, Amin Z, Kavinsky C, Heitschmidt M, Hijazi ZM: Single center comparative outcomes of the Edwards Sapien and Medtronic Melody transcatheter heart valves in the pulmonary position. *Catheter Cardiovasc Intervent* 2012, 79:S6
153. Sysnowski C, Kenny D, Cao QL, Hijazi ZM: Bail out use of the Gore excluder following pulmonary conduit rupture during transcatheter pulmonary valve replacement. *Catheter Cardiovasc Intervent* 2012, 79:S16
154. Kenny D, Kar S, Zahn E, Rhodes J, Mullen M, Makkar R, Shirali G, Fogel M, Fahey J, Heitschmidt M, Hijazi ZM: Congenital multicenter trial of pulmonic valve regurgitation studying the Sapien transcatheter heart valve (compassion): One-year follow up. *Catheter Cardiovasc Intervent* 2013, 81:178 (Oral abstract presented at PICS-AICS 2013, Miami Beach, FL)
155. Mallula K, Faza N, Kenny D, Cao QL, Hijazi ZM: Medium to long term outcomes of percutaneous transcatheter closure of congenital ventricular septal defects. *Catheter Cardiovasc Intervent* 2013, 81:180 (Oral abstract presented at PICS-AICS 2013, Miami Beach, FL)
156. Holoshitz N, Kavinsky C, March R, Soble J, Cao QL, Riley T, Saha C, Birmingham B, Kenny D, Hijazi ZM: Transcatheter aortic valve replacement in the real world: Early experience in a single center. *Catheter Cardiovasc Intervent* 2013, 81:206-207 (Poster presentation at PICS-AICS 2013, Miami Beach, FL)
157. Patel N, Kenny D, Amin Z, Ilbawi M, Hijazi ZM, Gonzalez I: Single center outcome analysis comparing re-intervention rates of surgical anterioplasty with stenting for branch pulmonary artery stenosis in a pediatric population. *Catheter Cardiovasc Intervent* 2013, 81:207-208 (Poster presentation at PICS-AICS 2013, Miami Beach, FL)
158. Gawi H, Kenny D, Heitschmidt M, Hibbeln J, Hijazi ZM: Medium term CT evaluation of stent geometry and integrity of the Edwards Sapien transcatheter heart valve in the pulmonary position. *Catheter Cardiovasc Intervent* 2013, 81:217 (Poster presentation at PICS-AICS 2013, Miami Beach, FL)

159. Elbashier A, Aui M, Kandavello G, Che Mood M, Samion H, Hijazi ZM: The new Occlutech PDA occluder: initial human experience. Catheter Cardiovasc Intervent 2014, 83:1193 (Poster presentation at PICS-AICS 2014, Chicago, IL)
160. Pepeta L, Greyling A, Hijazi ZM: Patent ductus arteriosus closure using Occlutech duct occluder, experience in South Africa. Catheter Cardiovasc Intervent 2014, 83:1208 (Poster presentation at PICS-AICS 2014, Chicago, IL)
161. Taqatqa A, Stuart C, Ilbawi M, Amin Z, Kenny D, Hijazi ZM: Extended application of the hybrid procedure in an evolving facility. Catheter Cardiovasc Intervent 2014, 83:1222 (Poster presentation at PICS-AICS 2014, Chicago, IL)
162. Suradi H, Kenny D, Amin Z, March R, Hijazi ZM: Utility of transapical closure of paravalvular mitral leaks. Catheter Cardiovasc Intervent 2014, 83:1222-1223 (Poster presentation at PICS-AICS 2014, Chicago, IL)
163. ElSisi A, ElSaidei S, Ammar R, Hijazi ZM: A multi-centre trial of the safety of the Occlutech ACCELL Flex II septal occlude for transcatheter closure of secundum atrial septal defects in patients. Catheter Cardiovasc Intervent 2014, 83:1236 (Oral presentation at PICS-AICS 2014, Chicago, IL)
164. Kenny D, Cao QL, Ge J, Zhou D, Hijazi ZM: Early clinical experience with a novel self-expanding percutaneous stent-valve in the native right ventricular outflow tract. Catheter Cardiovasc Intervent 2014, 83:1193 (Oral presentation at PICS-AICS 2014, Chicago, IL)
165. Miranda C, Hijazi ZM, Kenny D: Coronary intravascular ultrasound as routine surveillance for coronary graft vasculopathy in children following heart transplant. Catheter Cardiovasc Intervent 2014, 83:1240-1241 (Poster presentation at PICS-AICS 2014, Chicago, IL)
166. Kazmouz S, Kenny D, Masood SA, Faza N, Aloud A, Ilbawi M, Hijazi ZM: Single center comparison of outcomes of surgical versus transcatheter pulmonary valve replacement. Catheter Cardiovasc Intervent 2014, 83:1241 (Poster presentation at PICS-AICS 2014, Chicago, IL)
167. Hijazi ZM: Long-Term Results of Percutaneous Pulmonary Valve Using Edwards Sapien Valve. Oral presentation at PICS-AICS AP: Taipei-Taiwan, April 1-4, 2015.
168. Damien Kenny, Luiza dLima, Nagarajan Ramesh, Clifford Kavinsky, Ziyad M. Hijazi. The Feasibility and Functionality of Elixir Pediatric Scaffold in the Central Arteries of a Porcine Model. J Struct Heart Dis 1:2015, 110 and Catheter and Cardiovasc Intervent 86:2015, 93. Oral Presentation at PICS-AICS 2015, Las Vegas, September 18-21,2015
169. Ziyad M. Hijazi, Andreas Eicken, Ingo Dahnert, Younes Boudjemline, Horst Sievert, Martin BE Schneider, Tommaso Gori, Damien Kenny, John P. Cheatham, Jana Steinmetz. Transcatheter Closure of Secundum Atrial Septal Defects: Results of the First Randomized Clinical Trial Between The Occlutech Figulla Flex-II and The Amplatzer Septal Occluder. J Struct Heart Dis 1:2015, 110 and Catheter and Cardiovasc Intervent 86:2015, 93. Oral Presentation at PICS-AICS 2015, Las Vegas, September 18-21, 2015
170. Kenny D, Kar S, Zahn E, Vincent J, Shirali G, Fogel M, Fahey J, Kim D, Armstrong A, Hijazi ZM. Congenital Multicenter Trial of Pulmonic Valve Regurgitation Studying the SAPIEN Transcatheter Heart Valve (COMPASSION): One-Year Follow-Up. Structural Heart Disease Journal 2016;2(6):291. Oral Presentation at PICS-AICS 2017, Miami Beach, January 16-19, 2017

171. Boudjemline Y, Al-Saloos H, Dilawar M, Kamal R, Hijazi ZM: Effect of interventionist's experience and variation of practice on level of radiation exposure during transcatheter atrial septal defect closure. JSHD 5:96; 2019. PICS-AICS 2019, San Diego, CA 9/4-9/9/2019.
172. Fraisse A, Auriau J, Bouvaist H, Aaberge L, Abe T, Dahnert I, Panzer J, Santoro G, Khalil M, Hijazi ZM: Cardiac Erosions after Transcatheter Atrial Septal Defect Closure with the Occlutech Figulla Flex Device. JSHD 5:96; 2019. PICS-AICS 2019, San Diego, CA 9/4-9/9/2019.
173. Hejazi Y, Hijazi ZM, Al-Saloos H, Boudjemline Y: Novel Technique for Transcatheter closure of Sinus Venosus Atrial Septal Defect: The Temporary Suture-Holding Technique [Boudjemline Technique]. Ped Cardiol 42:1890-1946; 2021. PICS-AICS 2021, Las Vegas, 9/1-9/4/2021.

CHAPTERS

1. Hijazi ZM, New Platinum Stent mounted on a high-pressure balloon. In Sigwart U (ed.): "Frontiers in Cardiology - Endoluminal Stenting", London, W.B. Saunders Company Ltd., 1996, pp243-245
2. Hijazi ZM, The Coronary AngioStent. In Serruys PW (ed.): Handbook of Coronary Stents. London, Martin Dunitz Ltd 1997, pp 79-88
3. Hijazi ZM, Marx GR Transcatheter closure of atrial septal defects and patent foramen ovale: Angel Wings device. In Beyar R, Keren G, Leon MB, Serruys P (eds.): "Frontiers in Interventional Cardiology", London, Martin Dunitz, 1997, pp 443-449
4. Hijazi ZM, The Coronary AngioStent. In Serruys PW, Kutryk MJB (eds). Handbook of Coronary Stents. London, Martin Dunitz Ltd 1998, Second Edition pp 85-93

5. Hijazi ZM, The Coronary AngioStent. In Serruys PW, Kutryk MJB (eds). Handbook of Coronary Stents. London, Martin Dunitz Ltd 2000, Third Edition, pp 237-245
6. Waight DJ, Hijazi ZM: Pediatric Interventional Cardiology: The Cardiologist's Role and Relationship with Pediatric Cardiothoracic Surgery. In Advances in Cardiac Surgery, Mosby, Inc, 2001, Vol 13, pp 143-167
7. Waight DJ, Cao QL, Hijazi ZM: Percutaneous Interventions in Adults with Congenital Heart Diseases. In Practical Handbook of Advanced Interventional Cardiology, Futura Publishing Company, Inc, 2001, pp 401-432
8. Waight DJ, Cao QL, Hijazi ZM, Interventional Cardiac Catheterization in Adults with Congenital Heart Disease. In Grech E, Ramsdale DR (Eds) Practical Interventional Cardiology. London, Martin Dunitz Ltd, 2001, Second Edition, pp 389-406
9. Koenig PR, Hijazi ZM: Pediatric Coronary Artery Abnormalities and Interventions. Serruys PW, Leon MB, Colombo A, Kutryk MJB (Eds), Coronary Lesions. A Pragmatic Approach, London, Martin Dunitz, 2002, pp 185-195
10. Hamdan MA, Cao QL, Hijazi ZM: Amplatzer Septal Occluder. Rao PS, Kern MJ (Eds). Catheter Based Devices for the Treatment of Non-coronary Cardiovascular Disease in Adults and Children. Philadelphia, Lippincott Williams & Wilkins, 2003, pp 51-59
11. Waight DJ, Cao QL, Hijazi ZM: Amplatzer Muscular Ventricular Septal Defect Occluder. Rao PS, Kern MJ (Eds). Catheter Based Devices for the Treatment of Non-coronary Cardiovascular Disease in Adults and Children. Philadelphia, Lippincott Williams & Wilkins, 2003, pp 245-251
12. Patel, HT, Cao QL, Hijazi ZM: Transcatheter closure of atrial septal defects and patent foramen ovale using Amplatzer devices. Kern MJ (Ed). The Interventional Cardiac Catheterization Handbook, 2nd Ed, Philadelphia, Mosby, 2004, pp 512-542
13. Hijazi ZM, Cao QL: Catheter closure of a large atrial septal defect (ASD) using the Amplatzer septal occluder (ASO) device. Rothman, Martin T. (Ed). Case Studies in Interventional Cardiology, London and New York, Martin Dunitz, 2004, pp 143-146
14. Hijazi ZM, Patel HT: Cardiac Catheterization. Koenig, Peter, Hijazi, Ziyad M., Zimmerman, Frank, (Ed). Essential Pediatric Cardiology. New York, McGraw Hill, 2004, pp 369-375
15. Hijazi ZM, Patel HT: Interventional Cardiac Catheterization. Koenig, Peter, Hijazi, Ziyad M., Zimmerman, Frank, (Ed). Essential Pediatric Cardiology. New York, McGraw Hill, 2004, pp 385-391
16. Patel H, Holzer R, Cao QL, Hijazi ZM: Transcatheter closure of atrial septal defects using the Amplatzer devices. Herrmann, Howard C. (Ed). Interventional Cardiology -Percutaneous Nncoronary Intervention, New Jersey, Humana Press, 2005, pp 161-178
17. Holzer R, Cao QL, Hijazi ZM: An overview of device closure of ventricular septal defects using the Amplatzer devices. Herrmann, Howard C. (Ed). Interventional Cardiology -Percutaneous Noncoronary Intervention, New Jersey, Humana Press, 2005, pp 179-195
18. Koenig P, Cao QL, Hijazi ZM: Intracardiac echocardiography for percutaneous atrial septal defect closure. Silvestry, Frank E and Wiegers, Susan E, (Ed). Intracardiac Echocardiography, London and New York, Taylor&Francis, 2005, pp91-104

19. Sandhu S, Hijazi ZM: Hemodynamic evaluation of pulmonary valve disease. Part I: pediatric perspectives. Hijazi, Ziyad M; Bonhoeffer, Philipp; Feldman, Ted; Ruiz Carlos E, (Ed). Transcatheter Valve Repair. London and New York, Taylor&Francis Group, 2006, pp 45-50
20. Garay F, Cao QL, Hijazi ZM: The Amplatzer Septal Occluder, in Percutaneous Device Closure of The Atrial Septum. Stephen JD Brecker editor, Publisher Informa Healthcare, 2006, pp97-111
21. Holzer RJ, Cao QL, Hijazi ZM: Transcatheter Closure of Atrial Septal Defects and Patent Foramen Ovale in SCAI Interventional Cardiology Board Review Book. Morton J. Kern Editor. Lippincott Williams & Wilkens, 2007, pp263-270
22. Koenig PR, Cao QL, Hijazi ZM: Imaging during cardiac catheterization: intracardiac echocardiography (ICE) using the AcuNav catheter in Sievert, Horst; Qureshi, Shakeel A.; Wilson, Neil; Hijazi, Ziyad M, (Ed). Percutaneous Interventions for Congenital Heart Disease. UK, Informa Health Care Ltd; FL, Taylor&Francis Group, 2007, pp 41-48
23. Fu YC, Cao QL, Hijazi ZM: Closure of secundum atrial septal defect using the Amplatzer Septal Occluder in Sievert, Horst; Qureshi, Shakeel A.; Wilson, Neil; Hijazi, Ziyad M, (Ed). Percutaneous Interventions for Congenital Heart Disease. UK, Informa Health Care Ltd; FL, Taylor&Francis Group, 2007, pp 265-276
24. Fu YC, Cao QL, Hijazi ZM: Closure of muscular VSD using the Amplatzer Muscular VSD Occluder in Sievert, Horst; Qureshi, Shakeel A.; Wilson, Neil; Hijazi, Ziyad M, (Ed). Percutaneous Interventions for Congenital Heart Disease. UK, Informa Health Care Ltd; FL, Taylor&Francis Group, 2007, pp 339-344
25. Fu YC, Cao QL, Hijazi ZM: Closure of perimembranous VSD using the Amplatzer Membranous VSD Occluder in Sievert, Horst; Qureshi, Shakeel A.; Wilson, Neil; Hijazi, Ziyad M, (Ed). Percutaneous Interventions for Congenital Heart Disease. UK, Informa Health Care Ltd; FL, Taylor&Francis Group, 2007, pp 349-356
26. Garay F, Cao QL, Hijazi ZM: Device closure of secundum atrial septal defects in Colombo, Antonio and Stankovic, Goran (Ed). Problem Oriented Approaches in Interventional Cardiology. UK, Informa Health Care Ltd; FL, Taylor&Francis Group, 2007, pp 235-241
27. Garay F, Cao QL, Hijazi ZM: Catheter therapy of coarctation of the aorta in Colombo, Antonio and Stankovic, Goran (Ed). Problem Oriented Approaches in Interventional Cardiology. UK, Informa Health Care Ltd; FL, Taylor&Francis Group, 2007, pp 243-248
28. Awad S, Hijazi ZM: Balloon Atrial Septostomy and Stenting of the Atrial Septum in Hijazi, Ziyad M; Feldman, Ted; Cheatham, John P.; Sievert, Horst (Ed). Complications During Percutaneous Interventions for Congenital and Structural Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2009, pp47-53
29. Spies C, Cao QL, Hijazi ZM: Complications of Transcatheter Atrial Septal Defect Closure in Hijazi, Ziyad M; Feldman, Ted; Cheatham, John P.; Sievert, Horst (Ed). Complications During Percutaneous Interventions for Congenital and Structural Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2009, pp 145-152
30. Diab K, Cao QL, Hijazi ZM: Device Closure of Ventricular Septal Defects (Percutaneous and Hybrid) Using the Amplatzer VSD Devices in Hijazi, Ziyad M; Feldman, Ted; Cheatham, John P.; Sievert, Horst (Ed). Complications During Percutaneous Interventions for Congenital and Structural Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2009., pp 175-184
31. Venzon RP, Hijazi ZM: Complications of Coarctation Stenting in the Adult Patient in Hijazi, Ziyad M; Feldman, T.; Cheatham, John P.; Sievert, Horst (Ed). Complications During Percutaneous Interventions for

Congenital and Structural Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2009, pp 249-253

32. Venzon RP, Hijazi ZM: Complications of Pericardiocentesis in Hijazi, Ziyad M.; Feldman, Ted; Cheatham, John P.; Sievert, Horst (Ed). Complications During Percutaneous Interventions for Congenital and Structural Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2009, pp 337-340
33. Khalid O, Cao QL, Hijazi ZM: Catheter Closure of Ventricular Septal Defects in Gatzoulis MA, Webb GD, Brobert CS, Hideki U (Ed). Cases in Adult Congenital Heart Disease. Churchill Livingstone, 2009, pp48-52
34. Spies, C, Esteves CA, Hijazi ZM: Implantacion transcater de la valvula cardiaca Edwards Sapien en posicion ventriculo derecho-arteria pulmonary in Sousa AGMR, Abizaid A, Martinez Rios M, Berrocal D, Sousa JE (Ed). Intervenciones Cardiovasculares SOLACI, 2nd Edition. Atheneu Distribuna Editorial, 2009, pp 927-930
35. AlKashkari W, Hijazi ZM: ASDs: Clinical perspectives in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp 27-36
36. Al-Qbandi MHA, Cao QL, Hijazi ZM: Imaging to Guide ASD and PFO Closure: Intracardiac Echocardiography in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp 111-123
37. Feldman T, Hijazi ZM: Establishing a Program in structural Heart Disease Interventional Therapies in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp159-165
38. Al-Qbandi MHA, Hijazi ZM: Device Closure of Difficult ASDs in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp177-195
39. Al-Qbandi MHA, Hijazi ZM: Device Closure of ASDs in Small Children in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp197-204
40. Al-Qbandi MHA, Hijazi ZM: Device Closure of Fenestrations Post Fontan Operation in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp243-249
41. Al-Qbandi MHA, Momenah TS, Hijazi ZM: Nightmare Cases in the cardiac Catheterization Laboratory during Percutaneous Closure of ASDs in Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010, pp283-292
42. Awad SM, Cao QL, Hijazi ZM: Transcatheter Atrial Septal Defect Device Closure in Thakur R, Natale A (Ed). Transseptal Catheterization and Interventions. Cardiotext Publishing, LLC; Minneapolis, MN 2010, pp145-159
43. Awad SM, Cao QL, Hijazi ZM: Pediatric and Adult Cardiac Interventions in Mukherjee D, Bates ER, Roffi M, Moliterno DJ (Ed). Cardiovascular Catheterization and Intervention: A textbook of coronary, peripheral, and structural heart disease. Informa Healthcare Ltd; London, UK 2010, pp 593-601

44. Alkashkari W, Cao QL, Hijazi ZM: Closure of Atrial Septal Defects in Carroll JD, Webb JG (Ed). Structural Heart Disease Interventions. Wolters Kluwer/Lippincott, Williams & Wilkins, Maryland 2011, pp 175-195
45. Alkashkari W, Cao QL, Hijazi ZM: Closure of Atrial Septal defects. In : Structural Heart Disease Interventions. Carroll JD, Webb JG ed. Wolter Kluwer/Lippincott Williams & Wilkins 2012, p175-197.
46. Kenny D, Hijazi ZM: Percutaneous Balloon Valvuloplasty for Aortic Stenosis in Newborns and Children. In Interventional Cardiology Clinics. Consulting Editors Sharma SK, Palacios IF. Percutaneous Approaches to Valvular Heart Disease. January 2012, Volume 1, Number 1, Saunders an imprint of Elsevier, Inc, pp 121-128
47. Shahanavaz S, Hijazi ZM, Hellenbrand WE, Vincent JAL Catheter-Based Therapy in the Neonate with Congenital Heart Disease. In Hemodynamics and Cardiology: Neonatology Questions and Controversies. Kleinman CS, Seri I ed. Second Edition. 2012, Saunders, an imprint of Elsevier, Inc, pp 503-520
48. Kenny D, Galantowicz M, Cheatham JP, Hijazi ZM: Hybrid Management Techniques in the Treatment of the Neonate with Congenital Heart Disease. In Hemodynamics and Cardiology: Neonatology Questions and Controversies. Kleinman CS, Seri I ed. Second Edition. 2012, Saunders, an imprint of Elsevier, Inc, pp 521-535
49. Al Kashkari W, Cao QL, Hijazi ZM: Transcatheter Closure of Atrial Septal Defects and Patent Foramen Ovale. In The Interventional Cardiac Catheterization Handbook, Kern MJ ed. Third Edition, 2012, Elsevier Publishing, Inc, pp 394-420
50. Kenny D, Hijazi ZM: Transcatheter Pulmonary Valve Replacement: Current Status and Future Potentials. In Congenital and Structural Heart Disease. Interventional Cardiology Clinics. Consulting Editors: Sharma, Samin K, Palacios Igor F. Elsevier Publishing, January 2013, volume 2, Number 1.
51. Al Anani SJ, Hijazi ZM: Interatrial Defects. In A Comprehensive Approach to Congenital Heart Diseases. Ed-in-Chief: Vijayalakshmi IB, Consulting Ed: Rao PS, Chugh R. First Edition 2013, Jaypee Brothers Medical Publishers Ltd, pp 253-265
52. Gonzalez I, Cao QL, Hijazi ZM: Transcatheter Closure of Patent Ductus Arteriosus. In Endovascular Interventions. Eds: RS Dieter, RA Dieter, RA Dieter. 2013 Springer, New York, pp 1093-1100
53. Shahanavaz S, Hijazi ZM, Hellenbrand WE, Vincent JA: Catheter-Based Therapy in the Neonate with Congenital Heart Disease. In Hemodynamics and Cardiology. Eds: CS Kleinman, I Seri. 2013 Elsevier/Saunders, pp503-520
54. Kenny D, Galantowicz M, Cheatham JP, Hijazi ZM: Hybrid Management Techniques in the Treatment of the Neonate with Congenital Heart Disease. In Hemodynamics and Cardiology. Eds: CS Kleinman, I Seri. 2013 Elsevier/Saunders, pp521-535
55. Bell-Cheddar Y, Cao QL, Hijazi ZM: Patent Ductus Arteriosus: in Clinical Management of Congenital Heart Disease from Infancy to Adulthood. Ed: DS Moodie. 2013 Cardiotext, pp 29-44
56. Kenny D, Hibbeln J, Hijazi ZM: Transcatheter Interventions In Adult Congenital Heart Disease: in Cardiac CT and MR for Adult Congenital Heart Disease. Ed: F Saremi, 2013 Springer, pp499-514

57. Holoshitz N, Cao QL, Hijazi ZM: Percutaneous Closure of Congenital, Acquired and Postinfarction Ventricular Septal Defects In Interventional Procedures for Adult Structural Heart Disease. Ed: JM Lasala, JH Rogers. 2014 Elsevier, pp222-231
58. Holoshitz N, Hijazi ZM: SAPIEN Valve Implantation in the Pulmonary Position In Cardiac Catheterization for Congenital Heart Disease: From Fetal Life to Adulthood. Ed: Butera G, Chessa M, Eicken A, Thomson J. 2014 Springer, pp 611-632
59. Hijazi ZM, Feldman T. Operators' credentials and institutional requirements for congenital and structural heart disease. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P13-16
60. Al-Qbandi M, hijazi ZM. Hemodynamics. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P39-58.
61. Kenny D, Cao QL, Hijazi ZM. Intracardiac echocardiography (ICE). In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P67-80.
62. Holoshitz N, Hijazi ZM. Percutaneous transfemoral access with big sheaths. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P119-125
63. Agrawal H, Kenny D, Hijazi ZM. Pulmonary valve disease: pulmonary regurgitation-background, indications for treatment and clinical trial results. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P287-295
64. Holoshitz N, Hijazi ZM. Pulmonary valve disease: transcatheter pulmonary valve implantation with the Edwards Sapien Valve. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P331-338
65. Kenny D, Caputo M, Hijazi ZM. Pulmonary valve disease: New percutaneous pulmonary valves. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P 339-348
66. Mallula K, Kenny D, Hijazi ZM. Tricuspid valve insufficiency. Sapien valve in the tricuspid position. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P405-411
67. Al-Qbandi M, Cao QL, Hijazi ZM. Atrial Septal Defect. Amplatzer type ASD occluders. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P437-447
68. Holoshitz N, Cao QL, Hijazi ZM. Ventricular septal defect closure: closure of congenital muscular VSD using the Amplatzer type VSD occluders. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P575-582
69. Kenny D, Cao QL, Hijazi ZM. Intraoperative VSD device closure. In Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group, P767-775
70. Hijazi ZM. Hybrid atrial septal defect closure. In Fetal and hybrid procedures in congenital heart diseases. Edited by: Butera G, Cheatham J, Pedra AC, Schranz D, Tulzer G. Springer 2016, PP 353.

71. Garay F, Cao QL, Hijazi ZM. Transcatheter closure of atrial septal defects and patent foramen oval. Cardiology Procedures. In, Hendel RC, Kimmelstiel C. Editors: London, Springer 2017, pp 283-294.
72. Chaszczewski K, Kenny D, Hijazi ZM. Pulmonary artery and valve catheter-based interventions. In Interventional Cardiology, principles and practice, 2nd edition. Editors: Dangas GD, Di Mario C, Kipshidze NN. Wiley Blackwell, 2017, pp619-628.
73. Garay F, Cao QL, Hijazi ZM. Transcatheter closure of atrial septal defects and patent foramen ovale. In Cardiology Procedures, A clinical Primer, editors: Hendel RC, Kimmelstiel C. Springer 2017, pp283-294
74. Suradi HS, Hijazi ZM. Adult Congenital Interventions in Heart Failure. In Interventional Heart Failure- Interventional Cardiology Clinics, Matthew J. Price, Srihari S. Naidu editors, Elsevier publisher, July 2017, pp427-443.
75. AlKashkari W, Cao QL, Hijazi ZM: Transcatheter closure of atrial septal defects and patent foramen ovale. In Kern MJ, Sorraja P, Lim MJ (Ed). The interventional cardiac catheterization handbook, 4th edition. Elsevier; Philadelphia, PA, 2018, pp 409-437
76. Suradi HS, Hijazi ZM. In Interventional cardiac catheterization in adults with congenital heart disease. Grech ED (editor). Practical Interventional Cardiology 3rd edition. CRC Press-Taylor & Francis Group, Boca Raton, FL 2018, pp487-506
77. Awad SM, Cao QL, Hijazi ZM. Pediatric and adult congenital cardiac interventions. Mukherjee D, Bates ER, Roffi M, Lange RA, Moliterno DJ (editors). Cardiovascular Catheterization and Intervention. A textbook of coronary, peripheral, and structural heart disease, second edition. CRC Press-Taylor & Francis Group, Boca Raton, FL 2018, pp735-755
78. Suradi H, Hijazi ZM: Evolution of Structural Interventions. Textbook of Interventional Cardiology: A Global Perspective. Kapadia, Cura, Chew, L'Allier, Roffi, and Tuzcu 2017.
79. Suradi HS, Amjad S, Cao QL, Hijazi ZM: Mitral Paravalvular leak closure: The Apical Approach. [Transcatheter Paravalvular Leak Closure](#) 2017; p 119-134
80. Holzer RJ, Suradi H, Hijazi ZM. Valve Interventions in the Young Adult With Heart Failure, in: J.L. Jefferies, A.C. Chang, J.W. Rossano, R.E. Shaddy, J.A. Towbin (Eds.), Heart Failure in the Child and Young Adult: From Bench to Bedside, Academic Press, ELSEVIER, 2018, pp. 655-674
81. Suradi H, Hijazi ZM. Evolution of Structural Interventions. In Textbook of Interventional Cardiology-A Global Perspective. Kapadia S, Chew D, Cura F, L'Allier, Roffi M, Tuzcu EM (editors). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi 2017, pp1041-1062.
82. Gendi SM, Cao QL, Hijazi ZM. In Alboliras ET, Hijazi ZM, Lopez L, Hagler DJ (editors): Visual Guide to neonatal cardiology. Wiley Blackwell, Hoboken, NJ, 2018, pp: 406-418

Books

1. Koenig, Peter, Hijazi, Ziyad M., Zimmerman, Frank, (Ed). Essential Pediatric Cardiology. New York, McGraw Hill, 2004.
2. Hijazi, Ziyad M; Bonhoeffer, Philipp; Feldman, Ted; Ruiz Carlos E, (Ed). Transcatheter Valve Repair. London and New York, Taylor&Francis Group, 2006.

3. Sievert, Horst; Qureshi, Shakeel A.; Wilson, Neil; Hijazi, Ziyad M, (Ed). Percutaneous Interventions for Congenital Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2007.
4. Hijazi, Ziyad M.; Feldman, Ted; Cheatham, John P.; Sievert, Horst (Ed). Complications During Percutaneous Interventions for Congenital and Structural Heart Disease. UK, Informa Healthcare Ltd; FL, Taylor&Francis Group, 2009.
5. Hijazi, Ziyad M.; Feldman, Ted; Al-Qbandi, Mustafa H. Abdullah; Sievert, Horst (Ed). Transcatheter Closure of ASDs and PFOs. Cardiotext Publishing, LLC; Minneapolis, MN, 2010.
6. Kenny, Damien; Hjazi, Ziyad M: Congenital and Structural Heart Disease. Interventional Cardiology Clinics. Consulting Editors: Sharma, Samin K, Palacios Igor F. Elsevier Publishing, January 2013, volume 2, Number 1.
7. Interventions in Structural, Valvular, and Congenital Heart Disease. Editors: Horst Sievert, `Shakeel Qureshi, Neil Wilson, Ziyad M. Hijazi, 2015. Taylor and Francis group.
8. Thakur RK, Hijazi ZM, Natale A: Cardioembolic Stroke. Cardiology Clinics 2016; 34:Issue 2
9. Alboliras ET, Hijazi ZM, Lopez L, Hagler DJ (editors): Visual Guide to neonatal cardiology. Wiley Blackwell, Hoboken, NJ, 2018
10. Pan, Xiangbin; Hijazi, Ziyad M; Sievert, Horst (Ed). Percutaneous and Non-fluoroscopic (PAN) Procedure for Structural Heart Disease. Singapore, Springer 2020.

ELECTRONIC PUBLICATIONS

1. Hijazi ZH: First Virtual Congress of Cardiology, September, 1999. Interventional Pediatric Cardiology: What should we abandon and continue to use.
<http://www.fac.org.ar/cvirtual/cvirteng/cienteng/cpeng/cpc1202i/ihijazi.htm>
2. Hijazi ZM: Catheter Management of Patent Foramen Ovale Associated with Transient Ischemic Attack: State of the Art (essay). American College of Cardiology, ACCardio/Hot Topics. February 2002. Available at: <http://www.accardio.org/hotTopics/article.asp?Paper ID=7>
3. Du ZD, Hijazi ZM: Second Virtual Congress of Cardiology, 2002. Transcatheter closure of ventricular septal defect. <http://www.fac.org.ar/scvc/llave/pediat/hijazi/hijazii.htm>
4. Agarwala BN, Bacha E, Cao QL, Hijazi ZM: Coarctation of the aorta. In: Up To Date, Rose BD (Ed), UpToDate, Wellesley, MA 2004
5. Koenig PR, Hijazi ZM: Congenital coronary artery abnormalities. In: Up To Date, Rose BD (Ed), UpToDate, Wellesley, MA 2004
6. Agarwala BN, Bacha E, Cao QL, Hijazi ZM: Ebstein's anomaly of the tricuspid valve. In: UpToDate, Rose, BD (Ed), Wellesley, MA 2004
7. Hijazi ZM, Koenig PR: Congenital coronary artery abnormalities. In: UpToDate, Rose, BD (Ed), UpToDate, Wellesley, MA 2005
8. Cheng, J, Hijazi, ZM. Left atrial appendage amputation, ligation, or occlusion in patients with atrial fibrillation. In: UpToDate, Rose, BD (Ed), UpToDate, Wellesley, MA 2005
9. Fu, YC, Hijazi ZM: Patent foramen ovale Review www.future-drugs.com, 2005

10. Hijazi ZM: Interventional cardiology for congenital and structural heart disease. Business Briefing, US Cardiology 2006, 160. www.touchcardiology.com
11. Ruiz CE, Feldman TE, Hijazi ZM, Holmes DR, Webb JG, Tuzcu EM, Herrmann H, Martin GR: Interventional fellowship in structural and congenital heart disease for adults. JACC Cardio Interv 2010;3:e1
12. Feldman TE, Ruiz CE, Hijazi ZM: The SCAI Structural Heart Disease Council: toward addressing training, credentialing, and guidelines for structural heart disease intervention. Cathet Cardiovasc Interven 2010;76: published online September 13, 2010
13. Patel ND, Kenny D, Gonzalez I, Amin Z, Ilbawi MN, Hijazi ZM: Single-center outcome analysis comparing reintervention rates of surgical arterioplasty with stenting for branch pulmonary artery stenosis in a pediatric population. <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s00246-013-0795-0>
14. Hijazi ZM. Performance and Validation of a Novel Biomarker-Based Stroke Risk Score for Atrial Atrial Fibrillation. PracticeUpdate website. Available at: <http://www.practiceupdate.com/content/performance-and-validation-of-a-novel-biomarker-based-stroke-risk-score-for-atrial-fibrillation/43662/65/2/1>. Accessed September 13, 2016

TEACHING

1. Resident:
Pediatric Cardiology ward attending (8 weeks/year)
2. Resident:
Pediatric Cardiology elective inpatient and outpatient rotations (8-12 weeks/year)
3. Resident:
Advanced Pediatric Cardiology elective-Catheterization Lab (8-12 weeks/year)
4. Fellow:
Pediatric cardiac catheterization with fellow (20-30 weeks/year)
5. In charge of the house staff and medical student elective rotation in Pediatric Cardiology, Division of Pediatric Cardiology, New England Medical Center, Boston, MA
6. 3rd and 4th year Tufts University medical students (8 weeks/year)
Pediatric Cardiology inpatient and outpatient rotations
Core pediatric cardiology lectures and problem solving is given to students
7. Non-Tufts medical students (4-8 weeks/year) Pediatric cardiology elective
8. 3rd Year University of Chicago Medical Students (8 weeks/year)
9. 4th Year University of Chicago Medical Students attending in Pediatric Cardiology Clinic (8 weeks/year)

GRAND ROUNDS -

- | | |
|------|---|
| 1991 | Lecturer - "Pediatric Cardiovascular Pharmacology II," New England Medical Center, Floating Hospital |
| 1991 | Lecturer - "Post-Operative Care of Cardiac Surgical Patients," New England Medical Center, Floating Hospital |
| 1991 | Lecturer - "Transcatheter closure of abnormal shunt pathways," St. Anne's Hospital |
| 1992 | Lecturer - "Interventional Pediatric Cardiology," St. Elizabeth's Hospital |
| 1992 | Lecturer - "Interventional Pediatric Cardiology," New England Medical Center, Floating Hospital |
| 1992 | Lecturer - "Evaluation of the Newborn with Heart Murmur," |

North Shore Children's Hospital

1993 Lecturer - "Inderal,"
New England Medical Center, Floating Hospital

1993 Lecturer - "Evaluation of the Cyanotic Newborn,"
New England Medical Center, Floating Hospital

1994 Lecturer - "Evaluation of the Cyanotic Newborn,"
St. Anne's Hospital, Fall River, MA

1994 Lecturer - "Update on Interventional Pediatric Cardiology,"
New England Medical Center, Floating Hospital

1994 Lecturer - "Approach to the Newborn with Cyanotic Congenital
Heart Disease," Islamic Hospital, Amman-Jordan

1994 Lecturer - "Congestive Heart Failure,"
Jordan University Hospital

1994 Lecturer - "Congestive Heart Failure,"
Jordan University Hospital

1994 Lecturer - "Update on Interventional Pediatric Cardiology -
Transcatheter Closure of PDA and Stents," The Specialty
Hospital, Amman-Jordan

1994 Lecturer - "Evaluation of the Cyanotic Newborn,"
New England Medical Center, Floating Hospital

1994 Lecturer - "Angiography for Congenital Heart Disease,"
New England Medical Center, Floating Hospital

1994 Lecturer - "Transcatheter closure of PDA using Gianturco
coils," King Faisal Specialist Hospital and Center,
Riyadh, Kingdom Saudi Arabia

1994 Lecturer - "Congestive Heart Failure," King Faisal Specialist
Hospital and Research Center, Riyadh, Kingdom Saudi Arabia

1994 Lecturer - "Approach to Cyanotic Congenital Heart Disease,"
Security Forces Hospital, Riyadh, Kingdom Saudi Arabia

1994 Lecturer - "The Newborn with Cyanosis: Approach and
Management," King Saud University Hospital,
Riyadh, Kingdom Saudi Arabia

1994 Lecturer - "Coronary Events in the Pediatric Population
1995 King Faisal Specialist Hospital and Research Center,
Riyadh, Kingdom Saudi Arabia

1994 Lecturer - "Update on Interventional Pediatric Cardiology,"
Security Forces Hospital, Riyadh, Kingdom Saudi Arabia

1994 Lecturer - "Congestive Heart Failure," New England Medical Center

1995 Lecturer - "Update on Interventional Pediatric Cardiology,"
Visiting professor at University of California, Irvine

1995 Lecturer - "Interventional Pediatric Cardiology," Maine Medical Center

1995 Lecturer - "Interventional Pediatric Cardiology, What does the intensivist need to know?",
Pediatric Intensive Care Unit, New England Medical Center, Floating Hospital

1995 Lecturer - "A New Platinum Stent," Guest faculty at the Transcatheter Cardiovascular Therapeutic
Seventh Course, Washington, D.C.

1995 Invited Speaker, 5th Pan Arab Union of Pediatric Societies -
"Neonatal Cardiac Emergencies," Amman-Jordan

1995 Lecturer - "Transcatheter Closure of PDA," Amman-Jordan

1995 Lecturer - "New Tools in Interventional Cardiology,"
Floating Postgraduate Course, Chatham, MA

1995 Lecturer - "Transcatheter Closure of PDA," Society for Cardiac Angiography And Interventions,"
Orlando, FL

1996 Lecturer - "Williams Syndrome," New England Medical Center

1996 Lecturer - "An Update on Transcatheter Closure of ASDs and PDAs,"

- New England Medical Center, Floating Hospital
- 1996 Lecturer - "An Update on Interventional Cardiology," Saints Memorial Medical Center, Lowell, MA
- 1996 Lecturer - "Hemodynamic Evaluation of Cardiac Patients," New England Medical Center, Floating Hospital
- 1996 Lecturer - "Transcatheter Closure of ASD/PFO," Baystate Medical Center Children's Hospital, Springfield, MA
- 1996 Lecturer - "Interventional Pediatric Cardiology," St. Elizabeth Medical Center, Boston, MA
- 1997 Lecturer - "Hemodynamic evaluation of cardiac patients," New England Medical Center, Floating Hospital
- 1998 Anesthesia Grand Rounds: Transcatheter closure of atrial septal defects and patent ductus arteriosus. New England Medical Center, Boston, MA
- 1999 Lecturer - "Acute Rheumatic Fever: Diagnosis & Management". Newton-Wellesley Hospital, March 3, 1999
- 1999 Pediatric Grand Rounds: Advances in Therapeutic Cardiac Catheterization for Congenital Heart Disease. University of Chicago, Chicago, IL, April 29, 1999
- 1999 Anesthesia Grand Rounds: An Update on Interventional Cardiology for Congenital Heart Disease. University of Chicago, Chicago, IL, September 29, 1999
- 1999 South Suburban Pediatric Day: Catheter Management of Congenital Heart Disease in Children. University of Chicago and LaRabida Children's Hospitals, Alsip, IL, November 17, 1999.
- 2000 Lecturer: Pediatric Interventional Cardiology. Hinsdale Hospital, Hinsdale, IL, January 5, 2000
- 2000 Cardiology Grand Rounds: Interventional Pediatric Cardiology. St. Elizabeth Hospital, Chicago, IL, February 29, 2000
- 2000 Cardiology Research/Clinical Conference: Interventional Pediatric Cardiology. University of Chicago, Department of Medicine, March 3, 2000
- 2001 Update on Interventional Pediatric Cardiology, Riverside Medical Center. Kankakee, IL. April 24th, 2001.
- 2001 Lecturer: Interventional Cardiology in the Adult with Congenital Heart Disease. Department of Medicine, Section of Cardiology, University of Chicago, Sept 7, 2001.
- 2001 Lecturer: Catheter Closure of PFO in patients with TIA/Stroke. Department of Neurology, University of Chicago Hospitals, Chicago, October 4th, 2001
- 2002 Lecturer: Management of Congenital Heart Disease in Adults. Department of Medicine, MacNeal Hospital, Berwyn, IL, February 14, 2002
- 2002 Lecturer: Intervention for Congenital Heart Disease. Department of Pediatrics, Southern Illinois University School of Medicine, Springfield, IL, February 28, 2002
- 2002 Lecturer: Intervention in Adults with Congenital Heart Disease. Department of Medicine, University of Massachusetts School of Medicine, Worcester, MA, March 14, 2002
- 2002 Lecturer: Catheter Closure of Atrial Septal Defect, Beth Israel Medical Center, October 1, 2002
- 2003 Lecturer: Current State of Interventional Cardiology for Congenital Heart Disease. Children's Hospital of Omaha, May 2, 2003.
- 2003 Lecturer: State of the art: Interventional Cardiology for Congenital Heart Disease. Loma Linda University Medical Center, Loma Linda, CA, July 18th, 2003.
- 2003 Lecturer: State of the art of Pediatric Interventional Cardiology. Geisinger Health System, Danville, PA, August 8, 2003.
- 2003 Lecturer: Update on Interventional Cardiology in Adults With Congenital Heart Disease, University of Chicago, Chicago, IL October 23, 2003.
- 2004 Lecturer: Intervention in Adults with Congenital Heart Disease: State of the Art. University of Chicago, Chicago, IL January 16, 2004.
- 2004 Lecturer: State of the art in interventional cardiology for treatment of adults with congenital heart disease. Boston Medical Center, Boston, MA, 5/26/04
- 2004 Lecturer: Transcatheter treatment of coarctation of aorta. University of Colorado Hospital, Denver, Co, 11/2/04

- 2005 Lecturer: Interventional cardiology for adults with congenital and structural heart disease. Baylor College of Medicine, Houston, TX 3/3/05
- 2005 Lecturer: Nonsurgical closure of intracardiac/extracardiac defects. Gottlieb Memorial Hospital, Melrose Park, IL, 8/22/05
- 2005 Lecturer: State of the Art Intervention for CHD. Medical City Dallas Hospital, November 15th, 2005, Dallas, TX.
- 2006 Lecturer: PFO: Stroke and Migraine Association. William Beaumont Hospital, Royal Oak, MI 3/6/06
- 2006 Lecturer: Evaluation of Neonate with Critical Congestive Heart Disease. Gottlieb Memorial Hospital, Chicago, IL, June 27, 2006
- 2007 Lecturer: University of Texas Health Science Center, Houston, Hermann Hospital, April 5th, 2007: Transcatheter Closure of ASD: State of the art.
- 2007 Lecturer: Heart and Lung Institute, St. Joseph Hospital, Phoenix, AZ, April 10, 2007. Device Closure of Muscular VSDs.
- 2008 Lecturer: Cardiac Interventions for Congenital Heart Disease, St. Anthony Hospital, Chicago, IL, April 18, 2008
- 2008 Lecturer: Treatment of Congenital and Structural Heart Disease: A Changing Paradigm, With Dr. Clifford Kavinsky, Rush University, Department of Medicine, July 2, 2008
- 2008 Grand round speaker: Interventional Therapies in Adults with Congenital Heart Disease. Texas Heart Institute at St. Luke's Episcopal Hospital. Houston, TX, August 22nd, 2008.
- 2009 Grand round speaker: Title: Interventional Therapies for adults with congenital heart disease. Beth Israel Medical Center, New York City, NY, Feb 9th, 2009
- 2009 St. Luke's and Roosevelt Hospitals. Interventional Therapies in Adults with Congenital Heart Disease. New York, NY, April 29th, 2009.
- 2009 University of Rochester. Interventional Cardiac Therapies in Adults with Congenital Heart Disease. Rochester, NY, August 12, 2009
- 2010 Pediatric Grand Rounds Speaker: Title: Innovative Cardiac Interventions. Ochsner, New Orleans, LA, November 18, 2010
- 2010 Adult Cardiology Grand Rounds Speaker: Title: Experience with Helex Device and REDUCE Trial. Ochsner, New Orleans, LA, November 18, 2010
- 2011 Rush University Medical Center, Department of Internal Medicine Grand Rounds Speaker. Title: Emerging Therapies for Treatment of Valvular Aortic Stenosis. Chicago, IL, April 20, 2011
- 2011 Grand Rounds/Visiting Professor: Memorial Hermann Hospital/University of Texas Health Science Center. June 7th, 2011: Interventional Therapies in Adults With Congenital & Structural Heart Disease.
- 2011 Grand Rounds: Advances in Interventional therapies for congenital & Structural heart disease. NYU Medical Center, New York City, NY, September 23rd, 2011.
- 2012 Grand Rounds: Interventional Therapies in Adults with Congenital Heart Disease University of Colorado, Denver, CO, March 9th, 2012
- 2013 Grand Rounds: Interventional therapies for congenital heart disease, past, present and future. Rady Children's Hospital, San Diego, CA, March 8, 2013
- 2013 Grand Rounds: Pulmonary Regurgitation: Diagnosis and Catheter Management. University of Mississippi Medical Center, Jackson, MS, May 1, 2013
- 2015 Grand rounds: Interventional Therapies for Adult with congenital & structural heart disease. Weill Cornell Medical College-Doha-Qatar, April 12, 2015.
- 2016 Visiting Professor Okayama University, January 27th, 2016: New Occlusion Devices for Congenital & Structural heart Disease.
- 2016 Lecture: Percutaneous pulmonary valve using a new valve for native right ventricle outflow, Hospital Clinico Universidad Catolica de Chile. March 29th, 2016.
- 2018 Visiting Professor at Yale New Haven Children's Hospital, April 25, 2018.

1. Grand Rounds: Hybrid Interventions
2. Meet with fellows to discuss cases.

2020 Grand rounds at UCSD (University of California in San Diego): Interventional Therapies for Adults with Congenital Heart Disease. September 18, 2020.

2022 Grand rounds at Children's Mercy Hospital, Kansas City, KS Innovations in Congenital Heart Disease Interventions: How Did it Start? March 3, 2022.