

## **Anita Sadeghpour, MD, FACC, FASE**

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**Professor of Cardiology,**

**Echocardiography Laboratory,**

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**Editor in chief of the "Archive of Cardiovascular Imaging" journal**

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**Place of birth: Tehran, Iran**

**Marital status: Married**

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### **Fields of Interest**

- Echocardiography
  - Adult congenital heart disease
  - Noninvasive cardiac imaging (Cardiac CT and CMR)
  - Intraoperative echocardiography
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### **Board Certification**

- Certified by the National Board of Cardiovascular CT, 2012, USA
- Certified by the Working Group on Cardiovascular Magnetic Resonance of the European Society of Cardiology, 2011, France
- Certified by the National Board of Echocardiography, 2006, USA
- 2<sup>nd</sup> rank in the Iranian Board of Cardiovascular Medicine, 2002, Iran

## **Education**

**Jun. 2014** Heart valvular and adult congenital heart disease by Dr. Bashore, Duke University Medical Center, North Carolina, USA

**Mar. 2012** Cardiovascular CT angiography training, Level III, SCCT, UCLA Medical Center, CA, USA

**Jul. 2011** Cardiovascular CT angiography training, Level II, SCCT, UCLA Medical Center, CA, USA

**Feb. 2011** Certification by the Working Group on Cardiovascular Magnetic Resonance of the European Society of Cardiology in Nice, France

**Nov. 2004-Dec. 2004** Cardiovascular Ultrasound and Hemodynamic Laboratory (Echo Lab), Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA

**Mar. 2004-Apr. 2004** Echocardiography Laboratory, Heart and Cardiovascular Institute, Hoag Memorial Hospital, Newport Beach, CA, USA

**Feb. 2004-Mar. 2004** Pediatric Echocardiography, Center for Pediatric and Congenital Heart Diseases, The Cleveland Clinic Foundation, Cleveland, OH, USA

**Jan. 2004-Feb. 2004** Adult Echocardiography Laboratory, Section of Cardiovascular Imaging,

**Oct. 2002-May 2004** Echocardiography Fellowship, Echocardiography Laboratory, Department of Cardiovascular Medicine, Rajaei Cardiovascular, Medical and Research Center, Iran University of Medical Sciences, Tehran, Iran

**Sep. 1998-Sep. 2002** Cardiovascular Residency, Department of Cardiovascular Medicine, Rajaei Cardiovascular, Medical and Research Center, Iran University of Medical Sciences, Tehran, Iran

**Sep. 1990-Sep. 1997** General Medicine, Shahid Beheshti University of Medical Sciences (SBUMS), Tehran, Iran

## Academic and Official Appointments

- **2015 March- present** Professor of cardiology Rajaie Cardiovascular , Medical and Research Center
- **Dec.2008-2015 March** Associate Professor of cardiology Rajaie Cardiovascular , Medical and Research Center
- **May 2004-present** Faculty member of echocardiography fellowship training
- **Oct. 2008-present** Faculty member of adult congenital heart disease fellowship training
- **2008-2014** Member of the Pre-Board Certification Cardiology Exam Committee
- **Mar. 2006-present** Member of the Education Committee of Rajaie Cardiovascular , Medical and Research Center
- **2008-2014** Executive member of Rajaie Cardiovascular, Medical and Research Center's cardiology fellowship exam
- **2006-2012** Vice dean of the Cardiology Education Group in Rajaie Cardiovascular, Medical and Research Center
- **Sep. 2004- present** Executive member of cardiovascular disease training course for medical students , Iran University of Medical Sciences , Tehran , Iran
- **May 2004- Dec. 2008** Assistant professor of cardiovascular medicine, Rajaie Cardiovascular , M Medical and Research Center, Tehran, Iran
- **Aug. 2003- Sep. 2003** Consultant cardiologist in Iranian Hospital, Dubai, UAE

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## International Activities

- **2013 –present** Member of the American Society of Echocardiography (ASE) International Committee
- **2012 –present** Reviewer and member of the American Society of Echocardiography (ASE) task forces and guidelines committee
- **2007–present** Member of the ACC International Committee Focus on the Middle East

## **Journal Activities**

Editor-in-chief of "Archive of Cardiovascular Imaging"

Associated editor of "Research in Cardiovascular Medicine"

Editorial board member of "Journal of JVCTR"

Reviewer of the American Society of Echocardiography (ASE) task forces and guidelines

Reviewer of "American Heart Journal"

Reviewer of "Anatolian Cardiology Journal"

Reviewer of "Iranian Journal of Radiology"

## **Accreditation and Honors**

- 2<sup>nd</sup> rank in the Cardiovascular Residency Program Exam, 1997, Iran
- 1<sup>st</sup> rank in the Echocardiography Fellowship Program Exam, 2002, Iran
- 2<sup>nd</sup> rank in the Iranian Board of Cardiovascular Medicine, 2002, Iran
- National Board of Echocardiography, Certified by the American Society of Echocardiography (ASE) , 2006, USA
- Certified by the Working Group on Cardiovascular Magnetic Resonance of the ESC , 2011
- Cardiovascular CT angiography training, Level III 2012, USA, UCLA
- Innovation in echocardiography, entitled "Holter Echocardiography" with the registration number of 13915014000304509
- Editor and first author of "Comprehensive Approach to Adult Congenital Heart Disease" Springer Publishing Company
- Best cardiologist lecturer in the 1<sup>st</sup> Iranian Cardiovascular Joint Congress, 25-28 Sept. 2012 , Tehran .Iran
- Founding member of the Iranian Society of Echocardiography (2007)
- Board member of the Iranian Society of Echocardiography (2007-present)

- Founding member of the Intervention Research Center, Tehran, Iran

## Affiliations

- **Jan. 2011- present** Member of the Society of Cardiovascular CT (SCCT)
- **Feb. 2011- present** Member of the Society of Cardiovascular MR (SCMR)
- **Feb. 2010- present** Fellow of the American College of Cardiology (FACC)
- **Mar.2010- present** Member of the Society of Adult Congenital Heart Disease (ACHD)
- **Dec. 2007- present** Member of the European Society of Cardiology (ESC)
- **Dec. 2007- present** Member of the Iranian Society of Echocardiography (ISE)
- **Dec. 2007- present** Member of the European Society of Echocardiography (ESE)
- **Jun. 2006- present** Fellow of the American Society of Echocardiography (FASE)
- **Apr. 2003- present** Member of the American Society of Echocardiography (ASE)
- **Aug. 2003- 2004** Member of the British Society of Echocardiography (BSE)
- **Oct. 1998- present** Member of the Iranian Heart Association (IHA)

## International Lectures

- Guest speaker and panelist, American College of Cardiology (ACC) 64<sup>th</sup> Annual Scientific Session in San Diego, " **Adults Congenital Heart Disease and Electrophysiology**", 7th Annual International Cardiovascular Conference : Focus on the Middle East, Mar. 13-16, 2015, San Diego , USA
- Guest speaker, "**Echocardiographic Evaluation in Outpatients with Prosthetic Valves with Interesting Cases**", Jun. 27, 2013, Alban K Barrus Lecture Hall, Duke Cardiac Diagnostic Unit, Duke University Medical Center, North Carolina, USA
- Guest speaker and panelist, "**Imaging and Electrophysiology**", 2<sup>nd</sup> Annual International Cardiovascular Conference : Focus on the Middle East, Mar. 13, 2010, Atlanta, GA, USA
- Guest speaker, "**Metabolic Syndrome in Women**", ACC 5<sup>th</sup> Annual Scientific Session focus on the Middle East, Mar., 2012, Chicago, IL, USA
- Guest speaker and panelist, ACC 5<sup>th</sup> Annual Scientific Session Focus on the Middle East, Mar ,2012
- Oral presenter, "**Mid-Term Results of Mechanical Pulmonary Prostheses in Adults with Congenital Heart Disease: Importance of Anticoagulation**", World Congress of Cardiology , 18-21 Apr. 2012, Dubai, UAE
- Guest speaker, "**Role of imaging in Pulmonary Hypertension: A Pivotal Step in the Diagnosis**", 8<sup>th</sup> International Congress of Update in Cardiology and Cardiovascular Surgery , Mar. 1-4, 2012 Antalya, Turkey
- Guest speaker, , "**What to Expect from Echocardiography?**", 2<sup>nd</sup> Middle East and Africa Pulmonary Hypertension Forum, Oct. 6, 2011

- 1<sup>st</sup> International Cardiovascular Conference Focus on the Middle East, Apr. 1-2, 2009, Indiana University, Indianapolis, IN, USA; “**New Insights into Adults with Congenital Heart Disease**”, CPR Training Program, Iranian Hospital, Dubai, UAE, Aug. 2003

## **Selected Academic Activities**

- General and scientific secretary, "**Cardiovascular Imaging: Strengths and Weaknesses**", 5<sup>th</sup> General and scientific secretary, "**Cardiovascular Imaging: Strengths and Weaknesses**", 5<sup>th</sup> Annual Seminar of the of Iranian Society of echocardiography, Tehran, Iran, Oct. 25-26, 2012
- General and scientific secretary, "**Updates in Echocardiography and Multimodality Imaging**", 4<sup>th</sup> Annual Seminar of the Iranian Society of echocardiography, Tehran, Iran, Oct. 27-28, 2011
- General and scientific secretary, "**Updates in Echocardiography and Multimodality Imaging**", 4<sup>th</sup> Annual Seminar of the Iranian Society of echocardiography, Tehran, Iran, Oct. 27-28, 2011
- Scientific secretary of Echocardiography, 3<sup>rd</sup> Iranian Cardiovascular Joint Congress, Mar. 3-6, 2015, Tehran, Iran

## **Invited Lectureship (National)**

- Guest speaker and panelist, "**3D Echo Incorporated into Daily Practice: Why Must You Offer it as a Quality Service?**", 7<sup>th</sup> Annual Conference of the Iranian Society of Echocardiography Sept. 8, 2014, Tehran, Iran
- Guest speaker, "**Intraprocedural TEE in Pediatric Cardiac Catheterism**", the Pediatric Echocardiography Seminar, The Iranian Society of Pediatric Cardiology, Apr. 9, 2014, Tehran, Iran
- Guest speaker, "**Cardiac CT in Emergency Room**", the International Congress on Emergencies in Cardiology, Feb. 2, 2014, Bandar Abbas, Iran
- Panelist, "**Updates in Strain Imaging Echocardiography**", Shahid Beheshti University Heart Research Center, Jun. 29, 2014, Tehran, Iran
- Guest speaker and panelist, "**First Symposium of Cardiovascular Manifestation of Collagen Vascular Disease**", May 17, 2013, Rajaei Cardiovascular, Medical and Research Center, Tehran, Iran

- Guest speaker and panelist, "**First Symposium of Cardiovascular Manifestation of Collagen Vascular Disease**", May 17, 2013, Rajaei Cardiovascular, Medical and Research Center, Tehran, Iran
- Guest speaker and panelist, "**First Symposium of Cardiovascular Manifestation of Collagen Vascular Disease**", May 17, 2013, Rajaei Cardiovascular, Medical and Research Center, Tehran, Iran
- Guest speaker and panelist, "**First Symposium of Cardiovascular Manifestation of Collagen Vascular Disease**", May 17, 2013, Rajaei Cardiovascular, Medical and Research Center, Tehran, Iran
- Guest speaker and panelist, "**First Symposium** Guest speaker and panelist, "**First Symposium Vascular Disease**", May 17, 2013, Rajaei Cardiovascular, Medical and Research Center, Tehran, Iran
- Guest speaker, scientific secretary and speaker, "**Role of Cardiac CT in Valvular Heart Disease**, 5<sup>th</sup> Annual Seminar of the Iranian Society of Echocardiography, Oct. 25-26, 2012, Tehran, Iran
- Guest speaker, scientific secretary and speaker, "**Role of Cardiac CT in Valvular Heart Disease**", 5<sup>th</sup> Annual Seminar of the Iranian Society of Echocardiography, Oct. 25-26, 2012, Tehran, Iran
- Guest speaker, "**Imaging Modalities in Tricuspid Valve Disease: The Forgotten Valve**", 1<sup>st</sup> Iranian Cardiovascular Joint Conference, Sept. 25-28, 2012, Tehran, Iran
- Guest speaker, "**Marfan Syndrome Revisited: What's New And Important about Marfan Syndrome**", 1<sup>st</sup> Iranian Cardiovascular Joint Conference, Sept. 25-28, 2012, Tehran, Iran
- Guest Speaker, "**Timing of Re-Intervention in post Tetralogy of Fallot Repair Patients**", 1<sup>st</sup> Iranian Cardiovascular Joint Conference, Sept. 25-28, 2012, Tehran, Iran
- Guest speaker, "**Role of Echo in Patient Selection for MV Repair**", the International Seminar of Echocardiography, Jun. 21-22, 2012, Shiraz, Iran
- Guest speaker, "**Intraoperative TEE for MV Repair**", the International Seminar of Echocardiography, Jun. 21-22, 2012, Shiraz, Iran
- Scientific secretary and speaker, "**Role of Cardiac CT in Valvular Heart Disease**", 5<sup>th</sup> Annual Seminar of the Iranian Society of Echocardiography, Oct. 25-26, 2012, Tehran, Iran
- Guest speaker, "**Timing of PVR in Patients with Total Correction of Tetralogy of Fallot**", 1<sup>st</sup>

Adult Congenital Heart Disease Symposium, Jan. 12, 2012, Tehran, Iran

- Guest speaker, "**Multimodality Imaging in Adult CHD**", 3<sup>rd</sup> Congress of the Iranian Pediatric Cardiology, Apr. 20-22, 2011, Tehran, Iran

**Publications Overview**

**H-Index =8**

## **Books and CDs**

- 1. Comprehensive Approach to Adult Congenital Heart Disease (movies in extras.springer.com)**, Springer Publishing Company, **Anita Sadeghpour**, Majid Kyavar, Azin Alizadehasl, 2014
- 2. Board Exams Questions for Cardiology Residents" CD**, **Anita Sadeghpour**, Azin Alizadehasl, 2014
- 3. Echocardiography: Adult Congenital Heart Disease, 1<sup>st</sup> edition, Educational CD**, **Sadeghpour A.** et al., Echocardiography Lab., Rajaei Cardiovascular, Medical and Research Center, 2007, ISBN: 978-964-04-0660-1
- 4. The Principles of the Mitral Valve Repair Associated with Echocardiography Evaluation**, 2011, Omran Publication, B. Baharestani, **Anita Sadeghpour**, M. Ghafarnejad, ISBN: 978-600-5155-09-9
- 5. Adult Congenital Heart Disease "Step-by-Step Approach"** CD included, Abbas Salehi, Hormoz Alizadeh Diz, **Anita Sadeghpour**, Negar Salehi, Azin Alizadehasl, Oct. 2012
- 6. "Practical Guidelines for Cardiac Patients at Angioplasty Suite: Patients' Guides for Coronary Angiography, Angioplasty and Stenting"**, F. Noohi, M. Maleki, **Anita Sadeghpour**, Rajaei Cardiovascular, Medical and Research Center, 2002, ISBN: 964-7809-00-X

## **International CME Certifications**

1. American College of Cardiology (ACC) 64<sup>th</sup> Annual Scientific Session in San Diego, DC, Mar. 13-16, 2015, USA
2. American College of Cardiology (ACC) 63<sup>rd</sup> Annual Scientific Session in Washington, DC, Mar. 29-31, 2014, USA
3. Mayo Clinic College of Medicine: Case Studies in Valvular Heart Disease. An Evidence-Based, Real-Life Interactive Experience, Jun. 20, 2014, The Nines, Portland, OR, USA
4. EUROECHO Imaging , Dec. 3-6, 2014, Vienna, Austria
5. 25<sup>th</sup> Annual ASE Scientific Sessions, Jun. 20-24, 2014, Portland, Oregon, USA
6. American College of Cardiology (ACC) 62<sup>nd</sup> Annual Scientific Session, the American College of Cardiology (ACC), Mar. 2013, USA
7. ACC 61<sup>st</sup> Annual Scientific Session, Mar. 2012, Chicago, IL, USA
8. ACC, 60<sup>th</sup> Annual Scientific Session, Apr. 2-5, 2011, New Orleans, USA
9. ACC, 58<sup>th</sup> Annual Scientific Sessions, Mar. 28-31, 2009, Orlando, FL, USA
10. 6<sup>th</sup> Annual Scientific Meeting of SCCT, Jul. 14-17, 2011, Denver, CO, USA
11. 16<sup>th</sup> Annual ASE Scientific Sessions, Jun. 15-18, 2005, Boston, MA, USA
12. 17<sup>th</sup> Annual Scientific Sessions of the ASE (poster presentation), Jun. 3-7, 2006, Baltimore, MD, USA
13. 9<sup>th</sup> Annual Comprehensive Review and Update of Perioperative Echocardiography, Feb. 13-18, 2006, San Diego, CA, USA
14. 24<sup>th</sup> Annual Advanced Echo 2004, Challenging Case Studies and Live TTE and TEE Demonstrations, Apr. 14-17, 2004, Newport Beach, CA, USA
15. 17<sup>th</sup> Annual State-of-the-Art Echocardiography, ASE, Feb. 15-19, 2004, Phoenix, AZ, USA
16. Exam Euro SCMR Annual Meeting, Feb. 3-6, 2011, Nice, France
17. ESC Congress, Sept. 2010, Stockholm, Sweden
18. EUROECHO 2009”, (poster presentation), Dec. 9-12, 2009, Madrid, Spain
19. EUROECHO 12, (poster presentation), Dec. 10-13, 2008, Lyon, France
20. ESC Congress, Sept. 2008, Munich, Germany

21. ESC CONGRESS, Sept. 2007, Vienna, Austria
22. EUROECHO 8, Dec. 1-4, 2004, Athens, Greece

## Original Research Articles

1. **A. Sadeghpour**, M. Maleki, S. Hosseini, ..., "Bronchogenic Cyst Presenting as A Large LA Mass: Case Report ", Iranian Heart Journal (IHJ), Oct. 2003, Tehran, Iran
2. **A. Sadeghpour**, M.M. Peyghambari, M. Dalir Roy Fard, "Aorta-to-Left Ventricle Tunnel Associated with Non-compaction Left Ventricle", J Am Soc Echocardiogr 2006; 19: 1073.e1-e5.
3. M. Esmailzadeh, M. Maleki, **A. Sadeghpour**, F. Noohi, M. Ojaghi, N. Samiei, "Hemodynamic Evaluation of Mitral Stenosis Using Stress Echocardiography", The Cardiology 2 (1): 23-25, 2006
4. M. Haghjoo, A. Bagherzadeh, A. Fazelifar, S. Z. Haghghi, M. Esmailzadeh, **A. Sadeghpour**, A. Alizadeh; Z. Emkanjoo A. Bagherzadeh, F. Noohi, "Prevalence of Mechanical Dyssynchrony in Heart Failure Patients with Different QRS Durations", Pacing and Clinical Electrophysiology, Volume 30, Number 5, May 2007, pp.616-622(7)
5. F. Noohi, M. Esmailzadeh, M. Moshkani, **A. Sadeghpour**, S.Z. Ojaghi Haghghi, N. Samiei, "Clinical Characterization of Left Ventricular Non Compaction: A Case Series of Patients", IHJ 2007; 8:35-42
6. G. Estahbanati, N. Samiei, M. Maleki, F. Noohi, A. Mohebbi, **A. Sadeghpour**, Z. Ojaghi, M. Esmailzadeh, O. Sooran, "Echocardiographic Characteristics Including Tissue Doppler Imaging after Enhanced External Counter Pulsation Therapy", Am Heart Hosp J. 2007; 5 (4): 241-6
7. **A. Sadeghpour**, M. Moshkani, S. Hosseini, F. Noohi, "Familial Type A Aortic Dissection in Two Sisters within One Week without Marfan's Syndrome Suggestive of Familial Aortic Aneurysm" IHJ 2007. 8 (4)
8. H.A. Bassiri, **A. Sadeghpour**, N. Reshadati, M. Kiavar, M. J. Hashemi, "Detection of Prosthetic Valve Non Obstruction Thrombosis: Clinical Significant and Association", IHJ 2009; 10(2).A
9. M. Kiavar, M. Hajiaghaei, **A. Sadeghpour**, M. Esmailzadeh, "Back to Prime Root: Myocardial Viability Assessment by Comparing Resting 2-D Dimensional Visual Assessment Dobutamine Stress Echocardiography and Strain Rate Imaging", ICRJ 2008.2 (1)
10. **A. Sadeghpour**, H. Saadatifar, M. Kiavar, M. Esmailzadeh, M. Maleki, F. Noohi, N. Samiei, A.

Mohebbi "Doppler Echocardiographic Assessment of Pulmonary Prostheses: A Comprehensive Assessment Including Velocity Time Integral Ratio and Prosthesis Effective Orifice Area", *Congenital Heart Disease*.2008, 3; 415-421

11. M. Esmailzadeh, **A. Sadeghpour**, A. Fazlinezhad, A. Mohebbi, M. Maleki, F. Noohi, H. Bakhshandeh, "Comparison of Transesophageal Echocardiographic Assessment of Right and Left Atrial Appendage Functions", *ICRJ* 2008; 1(3):145-149
12. M. Esmailzadeh, A. Khaledifar, M. Maleki, **A. Sadeghpour**, N. Samie, H. Moladoust, F. Noohi, SZM. Ojaghi Haghghi, A. Mohebbi, "Evaluation of Left Ventricular Systolic and Diastolic Regional Function after Enhanced External Counter Pulsation Therapy Using Strain Imaging", *Eu J Echocardiogr* 2008: doi:10.1093/ejehocard/jen183 .*Eur J Echocardiogr* 2009; 10(1) : 120-126
13. **A. Sadeghpour**, F. Abtahi, M. Kiavar, Esmailzadeh, Z. Ojaghi, N. Samiei, F. Noohi, M. Maleki, A. Mohebbi, H. Bakhshandeh, "Echocardiographic Evaluation of Mitral Geometry in Functional MR", *Journal of Cardiothoracic Surgery* 2008, 3:54
14. **A. Sadeghpour**, H. Harati, M. Kiavar, M. Esmailzadeh, M. Maleki, F. Noohi, Z. Ojaghi, N. Samiei, A. Mohebbi H. Bakhshandeh, "Correlation of Right Ventricular dP/dt with Functional Capacity and RV Function in Patients with Mitral Stenosis", *ICRJ* 2008; 1(4)
15. M. Esmailzadeh, A. Sadatnaseri, F. Noohi, M. Maleki, **A. Sadeghpour**, A. Mohebbi , "Evaluation of the Ventricular Mechanical Dyssynchrony in Patients with Atrial Septal Defect", *JTHC* 2009; 4 (3).165-170
16. M. Kiavar, **A. Sadeghpour**, H. Bakhshandeh, H. Bassiri, P. Tayyebi, M. Esmailzadeh, M. Maleki, F. Noohi, "Are Prosthetic Valve Fibrin Strands Negligible? The Associations and Significance.", *J Am SocEchocardiogr* 2009; 22:890-4.
17. M. Esmailzadeh, H. Saadatifar, A. Mohebbi, F. Noohi, N. Samiei, Z. Ojaghi Haghghi, A. **Sadeghpour**, M. Maleki, "Prevalence of Left Ventricular Diastolic Asynchrony in Patients with Systolic Heart Failure", *ICRJ* 2009; 3(1): 8-15
18. M. Esmailzadeh, Z. Alizadeh Sani, HR. Sanati, M. Maleki, **A. Sadeghpour**, M. Parsaee, HB. Abkenar, "Evaluation of Regional Myocardial Systolic Function in the Early Stage of Acute Myocardial Infarction Using Strain Rate Imaging: Impact of Different Therapeutic Strategies(primary percutaneous coronary intervention vs. thrombolytic therapy and conservative therapy and conservative therapy . *ICRJ*2009; 2 (4): 180-190
19. **A. Sadeghpour**, M. Kiavar, P. Tayyebi, HA. Bassiri, F. Noohi, M. Maleki M. Esmailzadeh, A. Mohebbi, N. Samiei, Z. Ojaghi, H. Bakhshandeh, "Frequency and Associations of Prosthetic Valve Fibrin Strands", *Iranian Heart Journal* 2008; 9 (4): 23-31
20. M. Kiavar, N. Behzadnia, **A. Sadeghpour**, Sh. Maddadi: Clinical and Echocardiographic Evaluation of Regional Systolic Function Detected by Tissue Doppler Imaging in Hypertrophic

Cardiomyopathy", ICRJ 2009; (3)

21. M. Esmailzadeh, M. Parsaei, M. Peyghambari, **A. Sadeghpour**, A. J. Khamooshi, S. Hosseini, K. Mozaffari, "Late Occurrence of Fatal Aortitis: A Complication of Aspergillus's Endocarditis following Coronary Artery Bypass Grafts Surgery", *Eu J Echocardiogr* doi:10.1093/ejechocard/ jen204, *Eur J Echocardiogr* 2009;10 (1): 165.
22. M. Esmailzadeh, A. Sadatnaseri, F. Noohi, M. Maleki, **A. Sadeghpour**, A. Mohebbi, "Evaluation of the Ventricular Mechanical Dyssynchrony in Patients with Atrial Septal Defect", *J TehUniv Heart Ctr* 3 (2009)165-170
23. **A. Sadeghpour**, A. Sadatnaseri, S. Hosseini, "Post Surgical Right Ventricular Pseudoaneurysm Presenting as an Epigastric Pulsatile Mass", *IHJ*, 2010 (11) 1
24. M. Kiavar, Z. Alizadeh, **A. Sadeghpour**, Z. Khajali, S. Madadi, "Cardiac MRI in a Patient with Amyloidosis", *IHJ* 2010, 11 (2)
25. A. Keramati **A. Sadeghpour**, M. Farahani, G. Chandok, A. Mani, "The non-Syndromic Familial Thoracic Aortic Aneurysms and Dissections Maps to 15q21 Locus". *BMC Medical Genetics* 2010, 11:143
26. M. Esmailzadeh, A. Mirdamadi, M. Parsaei, **A. Sadeghpour**, M. Maleki, H. Bakhshandeh Abkenar, "Is the Peak-to-Mean Pressure Gradient Ratio Useful for Assessment of Aortic Valve Prosthesis Obstruction?" *JTHC* 2010; 5 (2): 69-73
27. M. Kiavar, Z. Alizadeh Sani, **A. Sadeghpour**, Z. Khajali, S. Madadi, "Cardiac MRI in a Patient with Amyloidosis" *IHJ*, 2010, 11,2
28. Z. Alizadeh-Sani, Sh. Madadi, **A. Sadeghpour**, Z. Khajali, P. Golnari, M. Kiavar, "Cardiac MRI in a Patient with Coincident Left Ventricular Non-Compaction and Hypertrophic Cardiomyopathy", *J TehUniv Heart Ctr* 2011;6(4):214-216
29. **A. Sadeghpour**, M. Kyavar, N. Behzadnia, Sh. Maddadi, M. Parsaei, M. Maleki, M. Esmailzadeh, "Left Ventricular Systolic Dyssynchrony in Patients with Hypertrophic Cardiomyopathy: The prevalence and its Relation to Syncope", *ICRJ*, 2010 4(4)
30. M. Kyavar, **A. Sadeghpour**, Sh. Madadi, L. Ebrahimi, Z. Alizadeh Sani, H. Bakhshandeh, "Echocardiographic Assessment of Adults with Repaired Tetralogy of Fallot: A Cardiovascular Magnetic Resonance Comparison Study" *IHJ*, 2012, 12, 2
31. A. Alizadehasl, **A. Sadeghpour**, M. Mirinazhad, "Blue Color Vision as a Rare Sign of Digitalis Toxicity" *IHJ*, 2012, 12, 2
32. M. Kyavar, M. Madadi, **A. Sadeghpour** et al., "Late Gadolinium Enhancement in Hypertrophic Cardiomyopathy: A Comparison with Pathological and Normal Myocardial Wall Thickening", *Circulation* Vol125, No 19 May 15, 2012
33. **A. Sadeghpour**, B. Javani, M. Peighambari, M. Kyavar, Z. Khajali, "Mid-Term Follow-up of

pulmonary Valve Bioprotheses in Adults with Congenital Heart Disease", AnadoluKardiyolDerg. 2012 May

34. H. Sanati, A. Zahedmehr, F. Shakerian, H. Bakhshandeh, A. Firouzi, R. Kiani, **A. Sadeghpour** et al., "Percutaneous Mitral Valvuloplasty Use in Echocardiographic Intercommissural Diameter as Reference for Balloon Sizing: A Randomized Controlled Trial", Clin. Cardiol April 29, 2012
35. M. Kyavar, **A. Sadeghpour**, A. Alizadehasl, N. Salehi, "Thrombosis on Implanted Device for Atrial Septal Defect Closure or Echocardiographic Beam Width Artifact? A Diagnostic Enigma!", Int J Cardiovasc Imaging. 2012 Feb. 28
36. A. Alizadehasl, R. Azarfarin, **A. Sadeghpour**, M. Maleki, "Sex Proportion of Offspring in Mothers with Cardiac Disease," AnadoluKardiyolDerg. 2012 June; 12(4):369-70
37. **A. Sadeghpour**, M. Kyavar, B. Javani, Z. Khajali, N. Givtaj, "Mid -Term Results of Mechanical Pulmonary Protheses in Adults with Congenital Heart Disease: Importance of Anticoagulation", Circulation Vol 125, No 19 May 15, 2012 abstract book of WCC 2012
38. M. Kyavar, **A. Sadeghpour**, B. Elahi, B. Alimi, Y. J. Danesh, "Assessing the Diagnostic Value of Coronary Calcium Scoring in Patients over Age 70 by Using Multidetector CT Coronary Angiography," Circulation Vol 125, No 19 May 15, 2012 abstract book of WCC 2012.
39. M. Kyavar, H. Bassiri, **A. Sadeghpour** (Corresponding author), A. Alizadehasl, H. Pouraliakbar, F. Kargar, "Left Main Coronary Artery Dissection after Valve Replacement: Role of Coronary Computed Tomographic Angiography", Texas Heart Institute Journal 2012
40. AA. Ghavidel, **A. Sadeghpour**, A. Alizadehasl, "A Rescue Coronary Artery Bypass Grafting in Isolated Life-Threatening Right Ventricular Failure after Aortic Valve Replacement", The Journal of Thoracic and Cardiovascular Surgery. jtcvs.2012.08.024 December 2012.
41. **A. Sadeghpour**, M. Kyavar, A. Alizadehasl, R. Azarfarin, A. Hashemi, "Echocardiographic Findings in Thalassemia Major: A Case Report and Literature Review", Journal of Cardiovascular and Thoracic Research, 2012, 4(2), 57-59
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43. A. Alizadehasl, **A. Sadeghpour**, M. Kyavar, "The Reality of Prominent Crista Terminalis in Post Cardiac Surgery", AnadoluKardiyolDerg. 2013; 13
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## Selected International Poster Presentations

1. **A. Sadeghpour**, M. Moshkani, M. Shakiba, "Mitral to Aortic Velocity-Time Integral Ratio: A Simplified Method for Determining Mitral Regurgitation Severity", 17<sup>th</sup> Annual Scientific Sessions of The ASE, June 3-7, 2006, Baltimore, MD, USA
2. M. Moshkani, **A. Sadeghpour**, A. R. Jafari, "Right Ventricular Strain and Strain Rate Analysis in Patients with Inferior Infarction and Right Ventricular Infarction", 17<sup>th</sup> Annual Scientific Sessions of the ASE June 3-7, 2006, Baltimore, USA
3. S. Chamanian, M. Maleki, **A. Sadeghpour**, Z. Khajali, B. Ghodsi, "Iron Deficiency in Adult Cyanotic Congenital Heart Disease", the American College of Cardiology 60<sup>th</sup> Annual Scientific Session, April 2-5, 2011, N, USA 2011, New Orleans USA
4. S. Shahrzad, **A. Sadeghpour**, H.A. Bassiri, M. Kiavar, "Echocardiographic Evaluation of Mitral Regurgitation in the Operating Department(Preoperative, Intraoperative & Postoperative Study)", 16<sup>th</sup> Congress of the Iranian Heart Association in Collaboration with the American College of Cardiology Nov. 18-21 2008, Tehran, Iran
5. **A. Sadeghpour**, F. Abtahi, M. Esmailzadeh, S. Z. Ojaghi, N. Samiei, F. Noohi, M. Maleki, A. Mohebbi, H. Bakhshandeh, "Evaluation of Mitral Geometry in Functional Mitral Regurgitation", the American College of Cardiology 57<sup>th</sup> Annual Scientific Session, March 29-April 1, 2008, Chicago, Illinois, USA
6. M. Kiavar, F. Bayat, **A. Sadeghpour**, "Ventricular Dyssynchrony in Left Ventricular Systolic Dysfunction and Valvular Heart Disease", (oral presentation), 11<sup>th</sup> International Workshop on Cardiac Arrhythmias, Venice, October 4-7, 2009,
7. **A. Sadeghpour**, "Association between Left Ventricular Systolic Dyssynchrony and Syncope in patients with Hypertrophic Cardiomyopathy", (poster presentation), 9-12 Dec. 2009, Madrid, Spain
8. **A. Sadeghpour**, "Short-Term Effect of AV Optimization", (poster presentation), 9-12 Dec., 2009, Madrid, Spain
9. **A. Sadeghpour**, M. Haghjoo, A. Hoghooghi, Z. Alizadehsani, "Single Beat Determination of Intraventricular Systolic Dyssynchrony in Patients with Atrial Fibrillation and Systolic Dysfunction", (poster presentation), Circulation Vol 125, No 19 May 15, 2012, WCC 2012
10. A. Alizadehasl, R. Azarfarin; **A. Sadeghpour**, M. Maleki, "Sex Proportion of Offspring in Mothers with Cardiac Disease", April 18-21, 2012, WCC 12, Dubai
11. **A. Sadeghpour**, H. Nazari, A. Alizadehasl, "Deformation Study of Ascending Aorta in Patients with TFTC and Bicuspid Aortic Valve", ASE 2014, Portland, USA
12. **A. Sadeghpour**, A. Shirafkan, M. Haghjoo, A. Azhari B. Elahi, "Role of Global 2D Strain in Prediction of Ventricular Arrhythmia in Patients with Intracardiac Defibrillator", 17<sup>th</sup> World Congress on Heart Disease, July 27-30 2012, Canada