

## **-Shojaeifard Maryam M.D.**

Associate Professor of Cardiology, Echocardiologist



### **Academic Address:**

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- **Date of birth:** 03/22/1975
- **Place of birth:** Tehran - Iran
- **Citizenship:** Iranian
- **Marital Status:** married

### **Qualification:**

**Medical School:** Shaheed Sadughi, Yazd, Iran (1993 – 2000)

**Board Certification:** Iran University of Medical Sciences (2003-2007)

**Fellowship:** Iran University of Medical Sciences (2008 - 2010)

### **Work experiences:**

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- **Internship:** Shaheed Sadughi, Yazd, Iran (1993 – 2000)
- **Residency:** Iran University of Medical Sciences (2003-2007)
- **Fellowship:** Iran University of Medical Sciences (2008 - 2010)

### **Academic and Official appointment:**

- Member of Research , Yazd University , Iran ( 1993 – 2002)
- Shaheed Rajaei Cardiovascular, Medical & Research Center (2010 – Now )

## Presentations and publications

### A) Publication:

1) **Title: Valvular Involvement in Brucellosis**

**Journal:** Res Cardiovasc Med. In Press , Published online 2016 May 24  
**Authors** Abolfazl Dohaie,<sup>1,\*</sup> Ali Zahedmehr,<sup>1</sup> and Maryam Shojaeifard<sup>1</sup>  
**Year of publication: 2016**

2) **Title: Outcome of Sub-Massive Pulmonary Thromboemboli in Patients Who Received Thrombolytic and or Non-Thrombolytic Therapy**

**Journal:** Res Cardiovasc Med. 2016 August; 5(3)  
**Authors :** Hasan Allah Sadeghi,<sup>1</sup> Mona Heidarali,<sup>2</sup> Fusieh Faraji,<sup>1</sup> Behshid Ghadrdoost,<sup>1</sup> and Maryam Shojaeifard<sup>3,\*</sup>  
**Year of publication: 2016**

3) **Title: Temporal Super Resolution Enhancement of Echocardiographic Images Based on Sparse Representation**

**Journal:** Ieee Transactions On Ultrasonics, Ferroelectrics, And Frequency Control, Vol. 63, No. 1  
**Authors :** Parisa Gifani, Hamid Behnam, Farzan Haddadi, Zahra Alizadeh Sani, and Maryam Shojaeifard  
**Year of publication: January 2016**

4) **Title: Cardiac Hydatid Cyst without Liver Involvement: A Case Report**

**Journal:** Iran J Parasitol : Vol.11, No.1  
**Authors:** Maryam SHOJAEIFARD <sup>1</sup>, \*Saeid HOSSEINI <sup>2</sup>, sarah HOSSEINI <sup>2</sup>, Hamidreza POURALIAKBAR <sup>3</sup>, Hossein DEHGHANI <sup>4</sup>, Feridoun NOOHI <sup>5</sup>  
**Year of publication: Jan-Mar 2016**

5) **Title: Outcome of Sub-Massive Pulmonary Thromboemboli in Patients Who Received Thrombolytic and or Non-Thrombolytic Therapy**

**Journal:** Res Cardiovasc Med. 2016 August; 5(3) , Published online 2016 July 20  
**Authors:** Hasan Allah Sadeghi, Mona Heidarali, Fusieh Faraji, Behshid Ghadrdoost, and Maryam Shojaeifard  
**Year of publication: 2016**

**6) Title: Comparison of Gated SPECT Myocardial Perfusion Imaging with Echocardiography for the Measurement of Left Ventricular Volumes and Ejection Fraction in Patients With Severe Heart Failure.**

**Journal:** Res Cardiovasc Med. 2015 Dec 19;5(1)

**Authors:** Shojaeifard M<sup>1</sup>, Ghaedian T<sup>2</sup>, Yaghoobi N<sup>3</sup>, Malek H<sup>3</sup>, Firoozabadi H<sup>3</sup>, Bitarafan-Rajabi A<sup>3</sup>, Haghjoo M<sup>4</sup>, Amin A<sup>5</sup>, Azizian N<sup>4</sup>, Rastgou F<sup>3</sup>.

**Year of publication: 2015**

**7) Title: Diagnostic accuracy of myocardial deformation indices for detecting high risk coronary artery disease in patients without regional wall motion abnormality.**

**Journal:** Int J Clin Exp Med. 2015 Jun 15;8(6)

**Authors:** Rostamzadeh A<sup>1</sup>, Shojaeifard M<sup>2</sup>, Rezaei Y<sup>3</sup>, Dehghan K<sup>4</sup>.

**Year of publication: 2015**

**8) Title: Association between 25-hydroxy vitamin D deficiency and severity of coronary artery involvement**

**Journal:** Annals Of British Medical Sciences. 2015; 1(1): 10-13

**Authors :** Maryam Shojaeifard, Hamid Reza Rahmanpour, Mohammad Effatpanah, Negar OMIDI

**Year of publication: 2015**

**9) Title: A Rare Case of Right-Sided Heart Failure after Bentall Procedure**

**Journal:** J Teh Univ Heart Ctr 2014; 9(4)

**Authors :** Alireza Alizadeh Ghavidel, MD, Maryam Shojaeifard, MD\*, Yalda Mirmesdagh, MD

**Year of publication: 2014**

**10) Title: Assessment of left ventricular mechanical dyssynchrony by phase analysis of gated-SPECT myocardial perfusion imaging and tissue Doppler imaging: Comparison between QGS and ECTb software packages**

**Journal , VOL,NO:** J. Nucl. Cardiology 2014, volume 21

**Authors :** Fereydoon Rastgou, MD, Maryam Shojaeifard, MD, Ahmad Amin, MD, Tahereh Ghaedian, MD, Hasan Firoozabadi, MD, Hadi Malek, MD, Nahid Yaghoobi, MD, Ahmad Bitarafan-Rajabi, PhD, Majid Haghjoo, MD, FACC, FESC, Hedieh Amouzadeh, MD, and Hossein Barati, MD

**Year of publication: 2014**

**11) Title: Left Atrial Appendage Dissection after Mitral Valve Replacement**

**Journal:** Iranian Heart Journal 2014;15(2)

**Authors :** Maryam Shojaeifard, MD; Mozghan Parsaei, MD; Atoosa Mostafavi, MD;

Azin Alizadehasl, MD; Marzieh Nikparvar, MD

**Year of publication: 2014**

12) **Title: Automatic Classification of Left Ventricular Regional Wall Motion Abnormalities in Echocardiography Images Using Nonrigid Image Registration**

**Journal:** J Digit Imaging

**Authors :** Ahmad Shalhaf & Hamid Behnam & Zahra Alizade-Sani & Maryam Shojaifard

**Year of publication: 2013**

13) **Title: Automatic assessment of regional and global wall motion abnormalities in echocardiography images by nonlinear deformationality reduction**

**Journal:** American Association of Physicists in Medicine, May 2013.40(5)

**Authors:** A. Shalhaf, H. Behnam, Z. Alizadeh Sani, M. Shojaei Fard

**Year of publication: 2013**

14) **Title: Fully Automatic Segmentation of Left Ventricle in a Sequence of Echocardiography Images of one Cardiac Cycle by Dynamic Directional Vector Field Convolution (DDVFC) Method and Manifold Learning**

**Journal:** Biomedical Engineering: Applications, Basis and Communications, Vol. 25, No. 2 (2013)

**Authors :** S. Ghanbari Maman, A. Shalhaf, H. Behnam, Z. Alizadeh Sani, M. Shojaei Fard

**Year of publication: 2013**

15) **Title: Normal Reference Values of Tissue Doppler Imaging Parameters for Right Ventricular Function in Young Adults: a Population Based Study**

**Journal:** Research in Cardiovascular Medicine 2013

**Authors:** Maryam Shojaeifard, Maryam Esmailzadeh, Majid Maleki, Hooman Bakhshandeh, Fatemeh Parvaresh, Nasim Naderi.

**Year of publication: 2013**

16) **Title: Echocardiographic Evaluation of Chronic Thromboembolic Pulmonary Hypertension before and after Pulmonary Artery Endarterectomy: A Case Series**

**Journal:** Iranian heart journal

**Authors :** Maryam Shojaeifard, MD; Gholam Reza Omrani, MD; 2 Maryam Esmailzadeh, MD; 3 Naim Naderi, MD; 4 Hooman Bakhshandeh Abkenar MD

**Year of publication: Fal 2013**

17) **Title: Left ventricle wall motion quantification from echocardiographic images by non-rigid image registration**

**Journal :** Int J CARS

**Authors:** Ahmad Shalhaf · Hamid Behnam · Zahra Alizade-Sani · Maryam Shojaifard

**Year of publication: 2012**

18) **Title: A Comparison between Methods Used to Extract Maximum and Minimum Myocardial**

## Velocities by Spectral Pulsed-TDI

**Journal:** Iran Cardiovascular Research Journal

**Authors:** Z Ojaghi-Haghighi1, H Moladoust2, M Shojaeifard1, M Asadinezhad2, V Nikseresht3

**Year of publication:** 2011

### 19) Title: **Papillary Muscle Rupture after Bentall Operation: Is It Necessary to Do CABG in High-Risk Patients?**

**Authors:** Maryam Esmaeilzadeh MD, FACC, FCAPSC; Maryam Shojaeifard MD, Hossein Ali Bassiri MD

**Journal:** Iran Heart Journal

**Year of publication:** summer 2011

### 20) Title: **Hydatid Cyst Mimicking Heart Tumor**

**Journal:** Iran Heart Journal, Volume 12, Number 3

**Authors:** Parsaee M, Shojaeifard M, Noohi F, Mohebbi B

**Year of publication:** Fall 2011

### 21) Title: **Accessory Mitral Valve Tissue in Mirror Image Dextrocardia**

**Journal:** Iran Heart Journal, Volume 12, Number 3

**Authors:** Shojaeifard M, Maleki M, Yousefi A.A, Noohi F, Ojaghi Haghighi Z

**Year of publication:** Fall 2011

### 22) Title: **Pseudoaneurysm of Ascending Aorta with Fistulization to Left Atrium after Coronary Artery Bypass Graft Surgery**

**Journal:** Iran Heart Journal, Volume 12, Number 3

**Authors:** Shojaeifard M, Maleki M, Hosseini S

**Year of publication:** Fall 2011

### 23) Title: **Extract maximum and minimum myocardial velocities of spectral images**

**Journal:** Middle East Cardiovascular Congress, Kish Iran , February 23 – 25

**Authors:** Moladoust H., Ojaghi Z., Shojaeifard M. Bakhshi F., et al

**Year of publication:** 2011

### 24) Title: **Pulmonary thrombo end arterectomy in chronic pulmonary hypertension**

**Journal:** Iran Heart Journal, Volume 12,

**Authors:** Sadeghi HA., Omrani GH. Shojaeifard M., Peighambari M., etc

**Year of publication:** 2009

### 25) Title: **Massive pericardial effusion, A rare manifestation of hypothyroidism.**

**Journal:** Iranian Heart Association, Volume 7, Number 2

**Authors:** Shojaeifard M, Ardeshiri M, Maleki M, etc.

**Year of publication:** Summer 2008

26) Title: **Incidence of Myocardial infarction after open Heart Surgery.**

**Journal:** Iranian Heart Association, Volume 9, Number 4

**Authors:** Shojaeifard M, Noohi F, Omrani GH

**Year of publication:** Winter **2008**

27) Title: **What is the Mechanism of group beating?**

**Journal:** Iranian Heart Association, Volume 7, Number2

**Authors:** Shojaeifard M, Arya A, Haghjoo M, Sadr Ameli MA, etc.,

**Year of publication:** Summer **2006**

## B) Lectures:

- \*Ischemic MR, 3<sup>rd</sup> International Congress on Cardiovascular Disease 12-14 November 2014
  - \*3D Echocardiography in aorta ۹۳/۸/۸ هفتمین سمپوزیوم سالیانه اکوکاردیوگرافی سه بعدی
  - \*Pericardial disease ۹۳/۷/۲۴ سخنرانی آموزش مداوم متخصصین داخلی
  - \*LAA device closure and case presentation ۹۳/۶/۲۷ هفتمین کنفرانس یک روزه اکوکاردیوگرافی ایران
  - \*Mitral stenosis and LA function ۱۳۹۳/۲/۳۰ بیست و پنجمین کنگره جامعه پزشکان متخصص داخلی ایران
  - \*Echocardiography in prosthetic valves ۹۳/۲/۱۹ اکوکاردیوگرافی قلب کودکان
  - \*Echocardiography in operating room for evaluation of MV , 2<sup>th</sup> Iranian Cardiovascular joint Congress 25-28 Feb 2014
  - \*Case presentation 2<sup>th</sup> Iranian Cardiovascular joint Congress 25-28 Feb 2014
  - \*Echocardiography in pulmonary hypertension ۹۲/۹/۲۸ هفتمین کنفرانس یک روزه انجمن اکوکاردیوگرافی ایران
  - \*Intraoperative echocardiography in evaluation of prosthetic valves کنگره بیهوشی قلب و اکوکاردیوگرافی حین عمل ۴/۷/۹۲
  - \*Echocardiography in evaluation of right ventricle, ۹۲/۵/۲۴ کنفرانس یک روزه انجمن اکوکاردیوگرافی ایران
  - \*Mitral Regurgitation and management: 24<sup>th</sup> Internal ۲۴/۲/۹۲ بیست و چهارمین کنگره جامعه پزشکان متخصص داخلی ایران
  - \*Pericard, 3<sup>rd</sup> Iranian cardiovascular joint congress ۹۳/۱۲/۱۶ الی ۹۳/۱۲/۱۴
  - \* Aortic disease, 3<sup>rd</sup> Iranian cardiovascular joint congress ۹۳/۱۲/۱۶ الی ۹۳/۱۲/۱۴
  - \* Imaging in pericardial DX, ۹۱/۸/۴ پنجمین کنگره سالیانه انجمن اکوکاردیوگرافی ایران
  - \* Heart failure echocardiography, سمینار نارسایی قلب, ۹۰/۱۰/۲۹-۳۰
  - \* Echocardiography in Arrhythmia, سمینار اریتمی, ۸۹/۲/۳۰
1. Echocardiography in CRT optimization: 1<sup>th</sup> middle east congress in preventive cardiology, Shiraz, IRAN 29-31 January 2013
  2. Pericardial disease and Echocardiography: Cardiovascular imaging: Strengths and Weaknesses. 25-26 October, 2012
  3. Aortic Dissection 1<sup>st</sup> Iranian Cardiovascular Joint Congress. 25-28 Sep, 2012.
  4. Evaluation of RV function : Heart Failure Congress. Yazd University, December 2011.
  5. Evaluation of LV diastolic and systolic function: Heart Failure Congress. Yazd University, November 2011.

6. Pericardial Disease: Echocardiography Congress.  
November 2011
7. Assessing right Ventricular systolic and diastolic function by Echocardiography with tricuspid inflow Doppler study and Tissue Doppler Images.  
17<sup>th</sup> Congress of Iranian Heart Association , May12, 2011.
8. Trans esophageal echocardiography.  
Congress of Echocardiography , Yazd-Iran, 2011.
9. Stress Echocardiography.  
Congress of Echocardiography , Yazd-Iran, 2011.
10. Echocardiography in Pericardial disorders.  
Congress of Echocardiography , Yazd-Iran, 2011.
11. Echocardiography in Heart Failure.  
Congress of Cardiac Rhythm Disorders. Yazd-Iran, May 2010.
12. Perioperative MI, 2<sup>nd</sup> Iranian Congress on Cardiothoracic and Vascular Anesthesia.  
Yazd-Iran, 13-15 May 2009.

### **C) CME**

1. 1th middle est congress in preventive cardiology :Shiraz,Iran January 2013
2. Symposium of New points in Hypertension Treatment. January 2013
3. 2<sup>nd</sup> Symposium of Pregnancy and Heart Disease. December 2013.
4. 1<sup>st</sup> Iranian Cardiovascular Joint Congress. 25-28 September 2012.
5. Cardiovascular Imaging Congress. 25-26 October 2012.
6. Transradial Angioplasty Conference. March 2012.
7. Heart Failure Congress. Yazd University, December 2012.
8. Complication in Cardiovascular Interventions. January 2012.
9. 1<sup>st</sup> Symposium of Congenital Heart Disease. January 2012.



10. 4<sup>th</sup> Echocardiography Symposium, November 2012.
11. Aortic Valve Repair Congress, March 2012.
12. 1<sup>st</sup> Symposium of pregnancy in Valvular Heart Disease. September 2011.
13. 17<sup>th</sup> Congress of Iranian Heart Association. 10-12May 2011.
14. 3<sup>rd</sup> Symposium of Pediatric Heart Disease. May 2011.
15. Echocardiography conference . Yazd university , March 2011.
16. Pulmonary Hypertension in Congenital Heart Disease. October 2010.
17. MRI Basis in Cardiac Imaging. December 2010.
18. Interventional Cardiology Conference. November 2010.
19. Interventional Cardiology Conference. December 2010.
20. Interventional Cardiology Conference. October 2010.
21. New Aspects in Cardiovascular Disease. June 2010.
22. Cardiac Rhythm Disorders. Yazd University May 2010.
23. 3<sup>rd</sup> Echocardiography Congress. March 2009.
24. Mitral Valve repair Congress. February 10-11<sup>th</sup> 2009.
25. Interventional Cardiology Congress. December 17<sup>th</sup>-18<sup>th</sup> 2009.
26. Anesthesiology and ICU care in cardiac surgery. Yazd university, May2009.
27. Interventional Cardiology Congress. February 2009.
28. Echocardiography Congress. Tehran, April 2009.
29. Echocardiography Symposium. Tehran Heart Center, September 3<sup>rd</sup>, 2008.
30. 16<sup>th</sup> Congress of IHA in collaboration with ACC 2008, Tehran-Iran.
31. 15<sup>th</sup> Congress of IHA in collaboration with French Society of Cardiology, October 31-  
November 3, 2006, Tehran-Iran.
32. 14<sup>th</sup> Congress of IHA in collaboration with British Cardiac Society, Nov 23-26,2004, Tehran-  
Iran.