

Ojaghi Haghighi S.Zahra Mahshid,MD, F.A.C.C

Associate Professor of .Cardiology.

- **Academic Address:**
Shaheed Rajaei Cardiovascular, Medical & Research Center, Vali- Asr Avenue Tehran- Iran
- **Tel / Fax:** 982122055594.....
- **E-mail:** zohamahsa@yahoo.com
- **Date of birth:** 03 .06. 1963
- **Place of birth:** Rasht, Iran
- **Citizenship:** Iranian
- **Marital Status:** Married

Qualification:

- **Medical School:** .Iran University.of medical sciences.Tehran,Iran (1984.- 1990.)
- 1ST rank of MD at Iran University of medical science (1990)
- Doctor of Medicine Diploma, MD
- Permanent License of medicine (1990)
- **Board Certification** . Iranian Board of Cardiology (1995)
- **Fellowship:** Fellowship in Advanced Echocardiography (2000-2002)
- Accreditation in TTE AND TEE Adult Echocardiography: British Society of Echocardiography (2006)
- European Association of Echocardiography (2005)
- Fellow of the American College of Cardiology (FACC) (2010)
- Membership of: American Society of Echocardiography

Fields of Interest:

- Non invasive cardiovascular imaging
- Echocardiography (TEE , STRESS, 2D, IOTEE, Tissue Doppler Imaging, Tissue Synchronization Imaging, Strain Rate Imaging, 2d speckle tracking, 3D Echocardiography Torsion, 3D)
- Prevention of Cardiovascular Disease
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Work experiences:

- Internship: Affiliated hospitals of Iran University of medical science (1988-1990)
- Residency: Cardiology .Sheed Rajaei Crdiovascular Medical & Research Center(1990-

1994)

- General Cardiology: Shaheed Rajaei Cardiovascular Medical and Research Center. Iran University of Medical Sciences (1995- present)
- Deputy Faculty member of Echocardiography Lab in: Shaheed Rajaei Cardiovascular, Medical & Research Center (2000- present)
- Head of Echocardiography LAB IN Shaheed Rajaei Cardiovascular Medical & Research Center (2010-present)
- Director of Echocardiography Research Center (2009-present)
- President of Iranian Society of Echocardiography (2007-present)
- As a member of Echocardiography fellowship curriculum designing Committee of the Iranian Ministry OF Health and high Education
- Chairman of Archives of Cardiovascular Imaging, the official journal of Iranian Society of Echocardiography

Academic and Official appointment:

- Assistant Professor of Cardiology Shaheed Rajaei Cardiovascular, Medical & Research Center, Iran University of Medical Sciences (1996- 2007)
- Associate Professor of Cardiology(2007- present)
- President of Iranian Society of Echocardiography(2007-present)
- Vice president of the First congress of Echocardiography in Shaheed Rajaei Cardiovascular Medical & Research Center in Iran(2007)
- Vice president of the Second congress of Echocardiography in Shaheed Rajaei Cardiovascular Medical & Research Center in Iran(2008)
- Vice president of the third congress of Echocardiography in Shaheed Rajaei Cardiovascular Medical & Research Center in Iran(2009)
- President of the first congress of Stress Echocardiography of Iranian Society of Echocardiography in Iran(2007)
- President of the second congress of Tissue Doppler Echocardiography of Iranian Society of Echocardiography in Iran(2008)
- President of the third congress of advanced echocardiography of Iranian Society of Echocardiography in Iran(2009)
- Head of CCU ,Martyr Shaheed Rajaei Cardiovascular, Medical & Research Center (2000-2004)
- Member of the examination and preBoard assessment for general cardiology (1996-1998)
- Member of the Board assessment for Cardiovascular disease (2001)
- Member of the Highest Council of research of Shaheed Rajaei Cardiovascular, Medical & Research Center (2008- Present)
- Member of British Society of Echocardiography(2007-present)
- Member of European Society of Echocardiography (2005--present)
- Member of American Society of Echocardiography (2005-present)
- Fellowship of American Colledge of Cardiology 2009-present)

Presentations and publications

A) Abstracts:

B) Articles:

1. Assessment of Left Atrial Reservoir Function in Mitral Valve Disease by Tissue Doppler, Strain and Strain Rate Imaging; Journal of Medical Imaging and Healyh Informatic 2014 (Acceptance)
2. **Zahra Ojaghi Haghghi**¹, Marzieh Nikparvar², Azin Alizadehasl³, Atoosa Mostafavi⁴. A rare case of community-acquired native quadruple-valve endocarditis. J Res Med Sci 2014;19:69-71.
3. **Zahra ojaghi-haghghi**, Atoosa Mostafavi, Hassan Moladoust, Fereidoon Noohi, Majid Maleki, Maryam Esmaeilzadeh, Niloofar Samiei; Assessment of Subclinical Left Ventricular Dysfunction in Patients with Chronic Mitral Regurgitation Using Torsional Parameters Described by Tissue Doppler Imaging; The Journal of Tehran University Heart Center, Received 16 March 2013; Accepted 05 January 2014; J Teh Univ Heart Ctr 2014;9(2):76-81.
4. **S.Zahra Ojaghi Haghghi**, MD, FACC 1; Atoosa Mostafavi, MD 2; Mohammad Mehdi Peighambari, MD FACC 3; Azin Alizadehasl, MD, FACC 1,*; Hassan Moladust, PhD 4; Hossein Ojaghi Haghghi, MD 5. Echocardiographic Assessment of Left Ventricular Twisting and Untwisting Rate in Normal Subjects by Tissue Doppler and Velocity Vector Imaging: Comparison of Two Methods. Arch Cardiovasc Image. 2013 November; 1(2): 63-71.
5. Naderi, MD;1 **Zahra Ojaghi Haghghi**, MD;2 Ahmad Amin, MD;1 Farah Naghashzadeh, MD;3 Hooman Bakhshandeh, MD;4 Sepide Taghavi, MD;1 Majid Maleki, MD1. Utility of Right Ventricular Strain Imaging in Predicting Pulmonary Vascular Resistance in Patients With Pulmonary Hypertension. Congest Heart Fail Vol. 19 | No. 3 | May . June 2013.
6. Azin Alizadehasl, **S. Zahra Ojaghi Haghghi**, Anita Sadeghpour, Feridoun Noohi Bezanjani. Echocardiographic Assessment of Left Ventricle Torsional Parameters by Tissue Doppler and Velocity Vector Imaging: Comparison of the Two Methods E1089 JACC March 12, 2013 Volume 61, Issue 10.
7. **Zahra Ojaghi Haghghi** 1, *, Azin Alizadehasl 3, Majid Maleki 1, Nasim Naderi 1, Maryam Esmaeilzadeh 1, Fereidoon Noohi 1, Hassan Moladoust 4, Hooman Bakhshandeh 2, Paridokht Nakhostin Davari 1, Rasoul Azarfarin 3, Hossein Ojaghi Haghghi 3. Echocardiographic Assessment of Right Atrium Deformation Indices in Healthy Young Subjects. Archives of Cardiovascular Imaging. 2013 Spring ; 1(1): 2-7.
8. Moladoust H, Mokhtari-Dizaji M, **Ojaghi-Haghghi Z**. Evaluation of left anterior descending coronary artery stenosis severity from myocardial end-diastolic wall stress estimated by tissue-Doppler imaging. J Clin Ultrasound. 2013 Jun;41(5):297-304.

9. Nasim Naderi 1, **Zahra Ojaghi Haghighi 2**, *, Sepideh Pezeshki 1, Azin Alizadehasl 2. Quantitative Assessment of Right Atrial Function by Strain Imaging in Adult Patients with Totally Corrected Tetralogy of Fallot. Archives of Cardiovascular Imaging. 2013 Spring ; 1(1): 8-12.
10. Esmailzadeh M, Omran MT, Maleki M, Haghjoo M, Noohi F, **Haghighi ZO**, SadeghpourA, Davari PN, Abkenar HB. Noninvasive localization of accessory pathways in patients with wolff-Parkinson-white syndrome: a strain imaging study. J Tehran Heart Cent. 2013 Apr;8(2):65-9.
11. Maryam Esmailzadeh 1, Marzieh Nikparvar 2, *, Majid Maleki 1, Feridoun Noohi **1**, **Zahra Ojaghi-Haghighi 1**, Niloufar Samiei 1, Paridokht Nokhostin-Davar 1, Hooman Bakhshandeh 3 Assessment of Inter and Intratrial Asynchrony in Patients with Systolic Heart Failure Using Velocity Vector Imaging. Res Cardiovasc Med. 2013;1(4)
12. Hajsadeghi S, Fereshtehnejad SM, **Ojaghi M**, Bassiri HA, Keramati MR, Chitsazan M, Gholami S. Doppler echocardiographic indices in aortic coarctation: a comparison of profiles before and after stenting. Cardiovasc J Afr. 2012 Oct;23(9):483-90.
- 13. Ojaghi-Haghighi Z**, Abtahi F, Fazlollah S, Moladoust H, Maleki M, Gholami S.... Coronary flow reserve, strain and strain rate imaging during pharmacological stress before and after percutaneous coronary intervention: comparison and correlation.. Echocardiography. 2011 May;28(5):570-.
14. **Z Ojaghi-Haghighi1**, H Moladoust2, M Shojaeifard1, M Asadinezhad2, V Nikseresht3 A Comparison between Methods Used to Extract Maximum and Minimum Myocardial Velocities by Spectral Pulsed-TDI. Iranian Cardiovascular Research Journal Vol.5, No.2, 2011
- 15. Ojaghi Haghighi Z**, Naderi N, Amin A, Taghavi S, Sadeghi M, Moladoust H, Maleki M, Ojaghi Haghighi H. Quantitative assessment of right atrial function by strain and strain rate imaging in patients with heart failure. Acta Cardiol. 2011 Dec;66(6):737-42
- 16. S. Zahra Mahshid Ojaghi Haghighi MD**; Ahmad Amin MD; Feridoun Noohi MD; Mahboobeh Daliry Fard MD; Farid Safi MD; Hani Harati MD Right ventricular strain predicts functional capacity in patients with repaired tetralogy of Fallot. Iranian Heart Journal 2011; 12(3):17-36.)
- 17. S. Zahra Ojaghi Haghighi MD**,* Maryam Moshkani Farahani MD,* Feridoun Noohi MD, S. Hossein MD, Ojaghi Haghighi MD, Maryam Esmailzadeh MD, Majid Maleki MD,* Fatemeh Yeganeh Tahoori MD. Tissue Doppler Imaging and Doppler Studies in Patients with Transmural and Non-transmural Myocardial Infarction (Iranian Heart Journal 2011; 12(4):25-29).

18. Moladoust H, Mokhtari-Dizaji M, **Ojaghi-Haghighi Z**, Noohi F, Khajavi A. Frame rate requirement for tissue Doppler imaging in different phases of cardiac cycle: radial and longitudinal functions. *Int J Cardiovasc Imaging*. 2008 Apr;24(4):377-87
19. Sadeghpour A, Saadatifar H, Kiavar M, Esmaeilzadeh M, Maleki M, **Ojaghi Z**, Noohi F, Samiei N, Mohebbi A. Doppler echocardiographic assessment of pulmonary prostheses: a comprehensive assessment including velocity time integral ratio and prosthesis effective orifice area. *Congenit Heart Dis*. 2008 Nov-Dec;3(6):415-21.
20. Moladoust H, Mokhtari-Dizaji M, **Ojaghi-Haghighi Z**, D'hooge J, Noohi F, Khaledifar A, Khajavi A. Radial strain assessment of the interventricular septum wall by a new technique in healthy subjects. *Med Biol Eng Comput*. 2007 Sep;45(9):855-62. Epub 2007 Jul 27.
21. Moladoust H, Mokhtari-dizaji M, **Ojaghi-haghighi Z**. Determination of instantaneous interventricular septum wall thickness by processing sequential 2D echocardiographic images. *Pak J Biol Sci*. 2007 Feb 1;10(3):454-61
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23. Momtahn M, Givtaj N, **Ojaghi Z**, Momtahn S, Almasi N, Momtahn AJ. Cardiac tuberculoma of the right atrium *J Card Surg*. 2011 Jul;26(4):367-9.
24. Fazelifar AF, Ashrafi P, Haghjoo M, **Haghighi ZO**, Abkenar HB, Ashour A, Azari S, Forghanian A, Sadr-Ameli MA. Predictors of ventricular tachycardia induction in syncopal patients with mild to moderate left ventricular dysfunction. *Cardiol J*. 2009;16(4):327-31.
25. Sadeghpour A, Saadatifar H, Kiavar M, Esmaeilzadeh M, Maleki M, **Ojaghi Z**, Noohi F, Samiei N, Mohebbi A. Doppler echocardiographic assessment of pulmonary prostheses: a comprehensive assessment including velocity time integral ratio and prosthesis effective orifice area. *Congenit Heart Dis*. 2008 Nov-Dec;3(6):415-21.
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30. **Z Ojaghi Haghghi**, H Poorzand, HA Bassiri Presentation of Anomalous Origin of the Left Coronary Artery From the Pulmonary Artery with Left Sided Coronary Ostium in an Adult Patient .Iranian Cardiovascular Research Journal Vol.3, No. 2, 2009
31. Maryam Esmailzadeh, Arsalan Khaledifar, Majid Maleki, Anita Sadeghpour, Niloufar Samiei, Hassan Moladoust, Feridoun Noohi, **Zahra Ojaghi Haghghi**, and Ahmad Mohebbi Evaluation of left ventricular systolic and diastolic regional function after enhanced external counterpulsation therapy using strain rate imaging European Journal of Echocardiography Volume 10 No. 1 January 2009
32. Majid Haghjoo, Ataallah Bagherzadeh, Maryam Moshkani Farahani, **Zahra Ojaghi Haghghi**, Mohammad Ali Sadr-Ameli significance of qrs morphology in predicting the prevalence of mechanical dyssynchrony in heart failure patients eligible for cardiac resynchronization:particular focus on patients with right bundle branch block with and without coexistent left sided conduction defects.Europace 2008 Apr 3
33. Majid Haghjoo, Ataallah Bagherzadeh, Amir Farjam Fazelifar, **Zahra Ojaghi Haghghi**, Maryam Esmailzadeh, Abolfath Alizadeh, Zahra Emkanjoo, Anita Sadeghpour, Niloufar Samiei, Maryam Moshkani Farahani, Mohammad Ali Sadr-Ameli, Majid Maleki, Feridoun Noohi.prevalence of mechanical dyssynchrony in heart failure patients with different QRS durations.pacing clinical electrophysiol .2007 May, 30(5)616-22
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35. F. Noohi, M. Esmailzadeh, M. Moshkani, A.Sadeghpour, **SZ.Ojaghi Haghghi**, N.Samiei,Clinical characterization of Left Ventricular Noncompaction: A Case Series of Patients. IHJ 2007; 8:35-42.
36. 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.
37. A.Sadeghpour, H Harati, M Kiavar, M Esmailzadeh, M Maleki, F Noohi, **Z Ojaghi**, N Samiea, 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)
38. M. Esmailzadeh, H. Saadatifar, A. Mohebbi, F.Noohi, N. Samiei, **Z. Ojaghi Haghghi**, A.Sadeghpour, M.Maleki.Prevalence of left ventricular Diastolic asynchrony in patient with systolic heart failure ICRJ 2009; 3(1): 8-15

39. A.Sadeghpour, M Kiavar, P Tayyebi, HA Bassiri, FNoohi, M Maleki, M Esmailzadeh, AMohebbi, N Samiei, **Z Ojaghi**, H Bakhshandeh . Frequency and Associations of Prosthetic Valve Fibrin Strands. Iranian Heart Journal 2008; 9 (4):23-31).
40. Bronchogenic Cyst Presenting as a Large Unilocular Left Atrium Mass. A. Sadeghpour, M. Maleki, F. Noohi, **SZ. Ojaghi** Haghghi, M. Esmailzadeh, A.Safaei, S. Hosseini, IHJ Spring 2003; 4(1): 74-76.
41. Hemodynamic Evaluation of Mitral Stenosis Using Stress Doppler Echocardiography, M. Esmailzadeh, M. Maleki, A. Sadeghpour, F. Noohi, **SZM. Ojaghi Haghghi**, A. Mohebbi, N. Samiei, The Cardiology 2006; 2(1):23-25.
42. Clinical characterization of Left Ventricular Noncompaction: A Case Series of Patients. F. Noohi, M. Esmailzadeh, M. Moshkani, A.Sadeghpour, **SZ.Ojaghi Haghghi**, N.Samiei, IHJ 2007; 8:35-42.
43. Doppler Echocardiographic Assessment of Pulmonary Prostheses: A Comprehensive Assessment Including Velocity Time Integral Ratio and Prosthesis Effective Orifice Area. A. Sadeghpour, H.Saadatifar, M.Kiavar, M. Esmailzadeh, M.Maleki, **SZ.Ojaghi Haghghi**, F.Noohi, N.Samiei, A.Mohebbi. Congenital Heart Disease 2008; 3(6):415-421.
44. Prevalence of left ventricular Diastolic asynchrony in patient with systolic heart failure. M. Esmailzadeh, H. Saadatifar, A. Mohebbi, F.Noohi, N. Samiei, **Z. Ojaghi Haghghi**, A. Sadeghpour, M.Maleki. ICRJ 2009; 3(1): 8-15
45. Effect of right ventricular lead location on response to cardiac resynchronization therapy in patients with end-stage heart failure. M. Haghjoo, HR. Bonakdar, MV. Jorat, AF. Fazelifar, A. Alizadeh, **Z. Ojaghi-Haghghi**, M. Esmailzadeh, MA. Sadr-Ameli. Europace 2009; 11:356–363.
46. **Z Ojaghi Haghghi**, H Poorzand, HA Bassiri Presentation of Anomalous Origin of the Left Coronary Artery
From the Pulmonary Artery with Left Sided Coronary Ostium in an Adult Patient Iranian Cardiovascular Research Journal Vol.3, No. 2, 2009
47. N Samiei, N Hadizadeh, M Borji, M Esmailzadeh, **ZM Ojaghi Haghghi**, A Sadeghpour, M Parsaei and M Shojaeifard.Echocardiographic findings in patients with right ventricle volume and pressure overload,a comparison study between two groups of pathologic right ventricle overload Eur J Echocardiogr (2011) 12 (suppl 2): ii9-ii10.
48. Niloufar Samiei, Fariba Bayat, Masoud Moradi, Mozghan Parsaei, **Seyedeh Zahra Ojaghi Haghghi**, Ahmad Mohebbi, Negar Hamzepour and Fereidoon Noohi Comparison of the Response of the Right Ventricle with Endovascular Occlusion and Surgical Closure in Adults with Atrial Septal Defect One Year After Intervention Cardiology 2010;4 143–147

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50. Noohi Feridoun, Bassiri Hosseinali, Mohebbi Bahram, Alinaghimadah Golchehreh, Rezaei Mahdokht, Mohebbi Ahmad, Kiavar Majid, **Ojaghi Haghighi S. Zahra**, Esmailzadeh Maryam, Sadeghpour Anita, Samiei Niloufar, Bakhshandeh Hooman Percutaneous Mitral Balloon Valvotomy; Single Center Experience: A Review of Outcome of ventricular tachycardia
Vol. 12, No. 2(2011)
51. H Moladoust Ph.D. Manijhe Mokhtari-Dizaji Ph.D.¹, **Zahra Ojaghi-Haghighi M.D.²**, Arsalan Khaledifar M.D.², Amir Khajavi M.D Estimation of LV End-Diastolic Pressure Using Color-TDI and Its Application to Noninvasive Quantification of Myocardial Wall Stress.
Echocardiography.2009 Apr.403-411
52. Moladoust, H. Mokhtari-Dizaji, M. ; Noohi, F. ; **Ojaghi-Haghighi, Z.** ; Khajavi, A. Assessment of the Regional Myocardial Displacement by a New Method Using Spectral Tissue Doppler in Compare with the Tissue Tracking.J Tehran university heart center.Vol 3,No 4(2008).
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54. Esmailzadeh M , Khaledifar A , Maleki M , Sadeghpour A , Samiei N , Moladoust H , Noohi F , **Haghighi ZO** , Mohebbi A Evaluation of left ventricular systolic and diastolic regional function after enhanced external counter pulsation therapy using strain rate imaging. European journal of echocardiography : the journal of the Working Group on Echocardiography of the European Society of Cardiology 2009 Jan;10(1):120-6
55. Marzieh Motevalli, *MD, Fereidoun Noohi, MD, **Mahshid Ojaghi, MD** and Ramin Eskandari, MD Intima-Media Thickness of Carotid Vessels and Carotid Artery Stenosis and their Relation with Coronary Artery Disease.. (Iranian Heart Journal 2003; 4 (4):60-62).
56. Majid Maleki MD, Anita Sadeghpour MD, Alireza Moarref MD, Feridoun Noohi MD, Ali Sadeghpour Tabae MD, **Mahshid Ojaghi MD**, Maryam Esmailzadeh MD, Niloufar Samiei MD, Ahmad Mohebbi MD and Goldis Malek PhD Concealed Left Atrial Membrane: A Pitfall in the Diagnosis of Cor Triatriatum Iranian Heart Journal 2008; 9 (1):61 -63).
57. H. Moladoust, M. Mokhtari Dizaji, **Z. Ojaghi Haghighi**, F. Noohi, R. Jalalian, H. Gerailo Evaluation of Regional Displacement in Myocardium during a Heart Cycle Based on Mathematical Analysis of TDE Images Iranian journal of radiology Vol. 3, No. suppl.1

58. Niloufar Samiei, Arezoo Khosravi, Mozghan Parsaei, Masoud Moradi, Saeid Gholami, **Zahra Ojaghi Haghghi**, Majid Haghjoo, Ahmad Amin, Fereidoon Noohi Improvement of diastolic function after cardiac resynchronization therapy

59. Moladoust, H., Mokhtari-Dizaji, M., **Ojaghi-Haghghi, Z.**, Noohi, F., Bitarafan-Rajabi, A. and Khajavi, A., 2009. Assessing the Discriminatory Power of noninvasive quantification of Myocardial end-diastolic wall Stress, IFMBE Proceedings 2009, pp. 2085-2088.

60. Hassan Moladoust, Manijhe Mokhtari-Dizaji, **Zahra Ojaghi-Haghghi**, Fereidoon Noohi N- Invasive Assessment of Coronary Artery Stenosis with estimation of Myocardial Wall Stress. J of Tehran University of Heart Center Vol5. NO 1 (2010)

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63. Samiei Niloufar, Bayat Fariba, **Ojaghi Haghghi Zahra**, Parsaei Mojgan, Noohi Feridoon, Mohebbi Ahmad. Evaluation of Right Ventricular Function before and after Dobutamine Stress Echocardiography in Healthy Individuals. IHJ. Vol 10 No 1 (2009)

64. M.H Ghaffarinejad MD, R Farasatkish MD, **Z Ojaghi MD**, M Haghjou MD, A Mohebbi M.D. Aspergillus prosthetic valve endocarditis, Brain abscess and aortic root replacement by Homograft. Heart Journal Iranian 2002.

65. A.Akbarzadeh MD, A Mohebbi M.D., M Forghani MD, M Maleki MD, F Noohi MD, **Z Ojaghi MD**, M.A Javadi MD, N Rafati MD. Evaluation of Association between MVP Syndrome and Keratoconus. Heart Journal Iranian 2005.

66. **Z Ojaghi MD**, M Karvandi MD, F Noohi MD, M Maleki MD, A Mohebbi M.D. Correlation between Isovolumic relaxation time by Tissue Doppler imaging and pulmonary artery pressure. Heart Journal Iranian 2005.

67. M Esmailzadeh MD, R Jalalian MD, M Maleki MD, A Sadeghpour MD, **ZM Ojaghi MD**, A Mohebbi M.D. Quantification of PI severity in patients with repaired tetralogy 21.02-congenital. Heart Journal 2006

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Echocardiographic characteristics including Tissue Doppler imaging after enhanced external counterpulsation therapy. Heart Journal Iranian 2006.

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71. N. Salehi, M. Maleki, F. Noohi, A. Sadeghpour, M. Nasiri Ahmad Abadi, **Z. Ojaghi**, N. Samiei, M. Esmailzadeh Left Ventricular Wall Motion Score Index as an Early Predictor of Hemodynamic Status after Myocardial Infarction Authors (Iranian Heart Journal) Summer 2007, Volume 8, No 2, Page 16-21

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74. Samiei N, Hajihoseini D, Esmailzadeh M, **Ojaghi Haghghi ZM**, Sadeghpour A, Tabib A, Parsaei M, Shojaei Fard M, Noohi F, Mirmesdagh Y .Assessment of Statistical Relationship of Ejection Time and Acceleration Time with the Severity of Valvular Aortic stenosis. Vol 12, No.2(2011)

75. Hossein Ali Bassri MD1, Seifollah Abdi MD1, Hamid Reza Sanati MD1, Reza Kiani MD1, **Zahra Ojaghi-Haghghi MD2**, Fereidoun Noohi MD, FACC2 and Majid Haghjoo MD, FESC3 Approach to the Patient with Combined Coarctation of Aorta and Wolf-Parkinson-White Syndrome Volume 10, No. 3 (Payiz 1388 - Fall 2009)

76. Anita Sadeghpour MD, Azadeh Sadatnaseri MD, Saeid Hosseini, MD, Maria Saadatian MD, Niloofar Samiei MD, Maryam Esmailzadeh MD, **Mahshid Ojaghi MD**, Majid Maleki MD, Feridoun Noohi MD and Ahmad Mohebbi, MD Post-surgical Right Ventricular Pseudoaneurysm Presenting as an Epigastric Pulsatile Mass Volume 11, No. 1 (Bahar 1389 - Spring 2010)

C: Books (In Persian Language)

Edited:

- Principle of Echocardiography. Author name: S.Zahra Ojaghi Haghghi. Year of edition: 1383.

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ABSTRACT

1. Quantitative assessment of right atrial functions by strain and strain rate imaging in patients with heart failure. **Z. Ojaghi Haghghi**, N. Naderi, A. Amin, S. Taghavi, M. Sadeghi, H. Moladoust, M. Maleki. ESC congress 2011, **Poster presentation**, Paris, France. **Citation:** European Heart Journal 2011; Vol. 32 (Abstract Supplement): 614
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Innovations:

1. Faculty member in echocardiography fellowship training program, first time in Iran in Shaheed Rajaei Cardiovascular Research Medical Center
- 2.. Training of Stress echocardiography, Tissue Doppler Imaging, Strain Rate Imaging, Tissue synchronization Imaging and Torsion principles for the first time in Iran in Shaheed Rajaei Cardiovascular Medical and Research Center.
3. Designing the first database and electronic echocardiographic report for the first time in Iran in Shaheed Rajaei Cardiovascular Medical and Research Center.
4. Member of the committee of constitution development of 1ST Iranian Society of Echocardiography
5. 1st President of Iranian Society of Echocardiography (2007-present)
6. As a member of 1st Echocardiography fellowship curriculum designing Committee of the Iranian Ministry OF Health and high Education
7. Chairman of Archives of Cardiovascular Imaging, 1st the official journal of Iranian Society of Echocardiography