



## MARZIEH MOTEVALLI PROFESSOR OF RADIOLOGY

### ACADEMIC ADRESS

Rajaei Cardiovascular Medical & Research Center (RHC)  
Iran University of Medical Sciences (IUMC)

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### QUALIFICATION

- Medical School graduate: Iran University, Tehran, Iran (1984-1990)
- Board Certification of Radiology: Iran University, Tehran, Iran (1994-1996)
- Fellowship of advanced interventional radiology and interventional angiography. Tehran university of medical sciences 2008-2010
- Scholar fellowship of cardiovascular imaging: University of Southern California (USC) 2016-2017

### FIELDS OF INTEREST

- Interventional Radiology
- Diagnostic Angiography

- Diagnostic Cardiovascular CT scan and CT angiography
- Diagnostic Cardiovascular MRI and MR angiography
- Vascular Doppler Ultrasonography
- Diagnostic Radiology and Ultrasonography

## ACADEMIC AND OFFICIAL APPOINTMENT

President of Radiology department in Rajaie Cardiovascular, Medical and Research center (1999 - 2023)

Established MSCT angiography center in RHC (2005)

Founded Fetal Echocardiography center in RHC (2004)

Established MRI , cardiac MRI Center , RHC (2005)

Established cardiac MSCT center , Imam Khomeini advanced imaging center Tehran University of medical sciences

President of multidetector CT scan department , Tehran University of Medical Sciences ,Imam Khomeini Hospital 2010 -2015

President of spiral CT scan ward , Tehran University of Medical Sciences ,Imam Khomeini Hospital 2010 -2015

President of cardiovascular imaging in 29th annual Persian international congress of radiology 2013

Head of radiology group Rajaie Cardiovascular Medical and Research center

Founder of cardiovascular imaging fellowship in Iran

Scientific member of Iranian journal of radiology

Associate editor in Iranian journal of Radiology

Reviewer of clinical case report journal

Reviewer of international journal of cardiovascular imaging

## MEMBERSHIP

Radiologic Society of North America (RSNA)

European Society of Radiology (ESC)

European Society of Cardiac Magnetic Resonance (SCMR)

Cardio Vascular Essay Control Commission of IJR

European Association of Cardiovascular Imaging (EACVI)

Iranian society of cardiology (ISC)

Iranian society of radiology (ISR)

Scientific and Professional Article Evaluation of Employers

CPC (Clinical Pathology Conferences) commission in Iran University

CPC Commission in RHC

ISO – TQM Commission in RHC

Scientific classification of Jobs commission

Carotid Professional Group in Iranian Journal of Radiology

Registration data base of patients in RHC

Elite committee of RHC

## PRESENTATIONS

1. Epidemiologic evaluation of pleural effusion with infectious causes in Fatemieh hospital  
Motevalli.M.MD , Kiani Amin. M. D., M. D., Bornaki. MD, 9 th Iranian Congress of Internal  
Medicine 11 – 14 May 1998

2.Comparative Study of Efficacy and Safety of Loratadine and Dexchlorpheniramin in treatment of  
Allergic Disorders.

Kiani Amin. MD Motevalli.M. MD., M. R. Masjedi. MD., M. 4 th International Congress of  
Immunology and Allergy, Iran, Isfahan 13 – 15 May,1998

3. Evaluation of lung disease in sarcoidosis cross sectional study, Massih Daneshvari research  
center

M. Motevalli. M. D., F. Kiani Amin. MD., S. M. Hasantash. M. D. pulmonary disease 15 – 17 Dec  
1996

4. Loratadine versus Dexchlorpheniramin for allergic rhinitis

F. Kiani Amin ,M. Motevalli. M. D., M. D., M. R. Masjedi. M. D.8 th Iranian Professional Internal  
Physicians Society Congress 22 – 25 1996

5- Multislice Cardiac CT Angiography, A Review on Accepted Indications and Potentials for Other  
Application Regarding the Newest Developments

M. Motevalli. MD., A. Almasi. MD., A. Sadatnasiri. MD. 23 rd ANNUAL Radiology Convention  
2007

6-Comparison of dual source and 64 slice CT scan in cardiac image :  
a limited Iranian experience

Motevalli.MD – Iranian congress of radiology 27<sup>th</sup> - May/17-20/2011

6- Carotid stent technique and complications .International Intervention Conference in Shiraz -2012

7-Cardiovascular MRI work shop of cardiovascular disease

Motevalli.MD – Iranian congress of radiology 28<sup>th</sup> - May/15-18/2012

8- MR angiography

Motevalli.MD – Iranian congress of radiology 28<sup>th</sup> - May/15-18/2012

9- Predictors of early graft patency following coronary artery bypass surgery

European society of radiology –Vienna 2011

10- Evaluation of early graft patency following coronary artery bypass surgery

European society of radiology –Vienna 2011

11- Diagnostic value of dual source CT angiography in congenital heart diseases: comparing transthoracic echocardiography and angiography

European society of radiology -Vienna 2014

12-Effect of myocardial fibrosis on left ventricular diastolic function assessed by non-invasive cardiac magnetic resonance and echocardiography

Marzieh Motevalli. Kiavar, alizadeh,...

Asian society of cardiovascular imaging. Hong Kong

13- PULMONARY CT ANGIOGRAPHY IN PULMONARY EMBOLISM ;TECHNICAL CONSIDERATION & INTERPRETATION

Iranian congress of radiology 28 th DIAGNOSTIC VALUE OF CARDIAC MRI IN

11- CAROTID ARTERY ; THE ROLE OF CT ANGIOGRAPHY

International congress of radiology May-2009

12-Interesting cases in cardiac MRI

Advance echocardiography seminar –Iranian society of echocardiography -25/Feb/2010

13-cardiovascular advance imaging

Alborz university of medical science -04/Sep/2012

13-Cardiovascular MDCT imaging in coronary artery disease

Iranian society of cardiothoracic surgeon 25/Sep/2012

14-MRI in congenital heart disease

Tehran university of medical science 27/Jan/2010

15-Doppler sonography of carotid arteries Third Conference of the Association of endovascular, Imam Khomeini Hospital,

Tehran university of medical science 01/May/2008

16- Pediatric imaging congress – Iran

university of medical science 2006

17-Chest X-Ray in cardiovascular disease

5<sup>th</sup> congress of cardiothoracic surgeons -2006

18-Non -invasive imaging in cardiology, Isfahan University of Medical Sciences, Isfahan, 2012

19-MDCT for evaluation of congenital heart disease –International congress of radiology 2018

20-Accuracy of MDCT for evaluation of coronary stent 2019

21-Case base presentation in cardiovascular imaging. 37<sup>th</sup> congress of radiology 2022

## PARTICIPATION

EURO PCR

Paris may 16 th to 19<sup>th</sup> ,2006

INTERNATIONAL CONGRESS OF IRANIAN SOCIETY OF CARDIAC SURGEONS IN  
COLLABORATION WITH GERMAN SOCIETY OF CARDIAC SURGEONS

SIEMENS CARDIAC WORK SHOP ON MULTISLICE CT IMAGING AND POST  
PROCESSING NOVEMBER 2004

IRANAIN HEART ASSOCIATION IN COLLABORATION WITH AMERICAN COLLEGE OF  
CARDIOLOGY . 18-21 NOVEMBER - 2008

IRANAIN HEART ASSOCIATION IN COLLABORATION WITH BRITISH CARDIAC  
SOCIETY . 23 - 26 NOVEMBER 2004

IRANAIN HEART ASSOCIATION IN COLLABORATION WITH FRENCH SOCIETY OF  
CARDIOLOGY AND FRENCH SOCIETY OF CARDIOVASCULAR SURGERY . 3- 6  
NOVEMBER 2006

7--IRANAIN HEART ASSOCIATION IN COLLABORATION WITH THE UNIVERSITY OF  
VIENNA. 8-11 OCTOBER 2002

8- THE 5<sup>th</sup> INTERNATIONAL CONFERENCE ON CARDIAC COMPUTED TOMOGRAPHY  
JULY 23- 24 ,2004 NURENBERG ,GERMANY

9-FIRST INTERNATIONAL EUROPE MIDDLE EAST CONGRESS OF SPINAL SURGERY  
Abu Dhabi 24 – 26 November

10- IRANIAN HEART ASSOCIATION IN COLLABORATION WITH MAYO CLINIC & THE  
CLEVELAND CLINIC FOUNDATION . November 2000

11-ISLAMIC MEDICAL ASSOCIATION OF NORTH AMERICA AND THE SHAHID RAJAIE  
HEART CENTER -August 2001

12-EUROPEAN CONGRESS OF RADIOLOGY -2007 VIENNA

13- EUROPEAN CONGRESS OF RADIOLOGY -2007 , 2011 VIENNA

## ARTICLES

1. Diet therapy for duodenal ulcers Motevalli.MD  
Nursing and Society (25); 2007

2. Diet therapy for respiratory diseases

Authors: Motevalli.MD Publish: Nursing and Society (36); 2007

3. Diagnosis of a Coronary AV Fistula , Echocardiography or CT Angiography

H. A. Basiri M. D., S. Abdi. M. D., Motevalli.MD N. Givtaj M. D., N. Samiei. MD. 8(1):  
55 – 57 springs 2007

MDCT evaluation of Congenital Heart Disease

Motevalli.MD Iran J.Radiol. 1. 16. 2006

Incidence of Abdominal Aortic Aneurysm in Coronary Artery Disease

M. Motevalli. M. D., M. Peighambari. M. D. Iranian Heart Journal. 4(2,3): 6 – 8 ; 2003

Intima Media Thickness of Carotid Vessels and Carotid Artery Stenosis in patient with  
Coronary Artery Disease

M. Motevalli. M. D., F. Noohi. M. D., M. Ojaghi. M. D., R. Eskandari. M. D.

Hydatid Cyst

M. Motevalli. M. D., F. Kiani Amin. M. D , Pezeshke Panj Setare. 3; 52 – 58; 1999

Carotid Plaque Morphology in left Main Stenosis,

Cardiovascular journal

Motevalli. M. D., Chamanian. M.D., M. Maleki. M. D., M. Ojaghi Haghghi. M. D.,  
G. Malek. M. D., B. Ghodsi. M. D.

Unilateral Blindness the Only Finding in a Patient With High Flow Carotid-Cavernous  
Fistula

Dr. H. Ghanaati MD, Motevalli.M.MD MD\*, Dr. Z. Keyhanidoost MD, Dr. H. Eslamiyeh  
MD, Dr. H. Jalali MD  
Iran J Radiol 2010, 7(4): 241-244

Increasing Exophthalmia after Carotid-Cavernous Fistula Closure With a Detachable  
Ballon: Problems of Incomplete Treatment a Case Report

Dr. H. Ghanaati, Motevalli.M.MD \*, Dr. H. Jalali, Dr. K. Firouznia  
The Neuroradiology Journal 2010, 23(1)

Coronary Graft Patency after Perioperative Myocardial Infarction: A Study With Multislice  
Computed Tomography

Dr. Hosseinali Bassiri, Dr. Alireza Nematollahi, Dr. Fereidoun Noohi, Dr. Jafar Hashemi,  
Dr.

Marzieh Motevalli, Dr. Nader Givtaj, Dr. Kamal Raissi and Dr. Majid Haghjoo.

Interact Cardio Vasc Thorac Surg 2011; 12:596-599; Originally Published Online Jan 27,  
2011; DOI: 10.1510/icvts.2010.261834

### Predictors Of Early Graft Patency Following Coronary Artery Bypass Surgery

Dr. Hosseinali Basiri, Dr. Farzad Salari, Dr. Fereidoun Noohi, Dr. Marzieh Motevali, Dr. Seifollah Abdi, Dr. Nader Givtaj, Dr. Kamal Raissi, Dr. Majid Haghjoo  
Cardiology Journal 2010 Vol 17, No. 1, pp. 1-XXX Copyright © 2010 Via Medica ISSN 1897-5593

### Hydatid Cyst Of The Knee: A Case Report

Dr. Hossein Ghanaati, Dr. Mehdi Mohammadifar, Dr. Mahsa Ghajarzadeh, Dr. Kavous Firouznia, Marzieh Motevali MD, Dr. Amir Hossein Jalali.  
Iran Radiol. 2011; 8(3): 170-172. DOI: 5812/kmp.iran radiol.17351065.3162

### Efficacy Of Transarterial Chemoembolization On Lesion Reduction In Colorectal Liver Metastases.

Dr. H. Ghanaati, Dr. V. Mohammadzadeh, Dr. A. Mohammadzadeh, Dr. K. Firouznia, Sr. M. Mohammadzadeh, Dr. M. Motevali, Dr. S. Kadivar, Dr. MA. Mohammadzadeh, Dr. A. Dargahi, Dr. AH. Jalali, Dr. M. Shakiba. Dr. P. Azadeh.  
Acta Med Iran. 2012 Aug; 50(8): 535-540.

### Multislice Cardiac CT-Angiography; A Review On Accepted Indications And Potentials For Other Applications Regarding The Newest Development.

Motevalli.M.MD , Dr. A.R. Almasi, Dr. A. Sadatnaseri.  
Iran J Radiol 2007; 4(S1): 12-13

### CT.Angiography And MR.Angiography Of Carotid Arteries

Dr. M. Motevali  
Iran J Radiol 2009; 6(S1): 119

### Nintinol Self-Expandable Metallic Stenting In Management Of Malignant Obstructive Jaundice : A Case Series

Dr. H. Ghanaati, Dr. K. Firouznia, Dr. S.M. Vaziri Bozorg, Dr. A.R.Ghasemi Esfe, Dr. M. Motevali, Dr. M.R. Abedini, Dr. S.R. Sadeghi,  
Journal Of Hepatitis Monthly – Powered By ARS Version 1.9 (Online Submission), Page 57-61

### Carotid Doppler Ultrasonography In Preoperative Assessment Of Coronary Artery Bypass Graft Surgery In An Iranian Population: Association Between Atherosclerosis Risk Factors And Carotid Stenosis.

Dr. H. Ghanaati MD, Dr. N. Golchin MD, Dr.M. Motevali MD, Dr. M. Shakiba MD, Dr. A. H. Jalali MD, Dr. K. Firouznia MD  
Iran J Radiol 2009, 6(3):125-129

### The Role Of Multidetector CT In The Diagnosis Of Retroperitoneal Fibrosis : Report Of a Case

Dr. Hossein Ghanaati, Dr. Mehdi Mohammadifar, Dr. Mahsa Ghajarzadeh, Dr. Kavous Firouznia, Marzieh Motevalli.MD, Dr. Amir Hossein Jalali.  
Iran J Radiol, 2012; 9(1): 28-31. DOI : 10.5812/iranjradiol.6343

### Fluoroscopic Versus Conventional Computed Tomography-Guided Biopsy.

Dr. H. Ghanaati, Dr. K. Firouznia. Marzieh Motevalli. MD, Dr. L. Mirdamadi, Dr. A. H. Jalili Iran J Radiol, 2008; 5(1): 39-42

Advances in Interventional Radiology in The Treatment Of Hepatobiliary Diseases In Iran  
Dr. H. Ghanaati, Dr. K. Firouznia, Marzieh Motevalli.MD, Dr. A. H. Jalali. Hepat  
Mon, 2011; 11(7)

Multidetector CT Evaluation of Stent Re Stenosis Post Percutaneous Coronary Intervention

Motevalli, .M H. Ghanaati, Dr. P. Karimi, Dr. M. Rahmani, Dr. A. Karimi, Dr. M. Aliyari, Dr. Shahriari, Dr. S. M. Marashi, Dr. M. Shakiba.  
Iran J Radiol.2014,11(Supp.2)

Diagnostic Value of Cardiac MRI in Comparison with Transthoracic Echocardiography  
in Detection and Characterization of Cardiac Masses

Motevali\*.MD , Shokri ,MD Journal of Iran University - IJR .2014, 11 (Supp.2)

Diagnostic Value of Cardiac MRI in Comparison with TransThoracic Echocardiography for  
Detection and Characterization of Cardiac Masses

Motevalli .M.MD , Shokri ,MD Journal of tran University -2014, 11 ,Supp.2

Diagnostic Efficacy of Vessel Specific Coronary Calcium Score in Detection of Coronary  
Artery Stenosis

Marzieh Motevalli 1; Hossein Ghanaati 2; Kavous Firouznia 2; Jalal Kargar 3; Mounes Aliyari Ghasabeh 4,\*; Mona Shahriari 4; Amir Hosein Jalali 4; Madjid Shakiba 4 my  
articles\ircmj-16-12-26010.pdf

Diagnostic accuracy of dual source coronary angiography in symptomatic patients presenting to  
referral cardiovascular center during daily Hanifepoor R. MD ,Marzieh motevalli MD.

Assessing the Relation of Epicardial Fat Thickness and Volume, Quantified by  
256-Slice Computed Tomography Scan, With Coronary Artery Disease and  
Cardiovascular Risk Factors

Mohammadzadeh, M Shakiba, M Motevalli, ...

2018 Archives of Iranian medicine 21 (3), 95

Comparison of findings of Cardiac MRI (CMR) and Transthoracic  
Echocardiogram (TTE) in patients suspected of myocarditis in Rajaie hospital in  
2016 and 2017

Motevalli .Marzie -SabriehZarei



2018 Journal of Biochemical Technology 6 (66), 15-22

Evaluating the Prevalence of Non-Ischemic and Ischemic Coronary Artery Anomalies Using Multi Slice CT Angiography 384 in Rajaie Hospital in 2016 and 2017

MA Motevalli, Marzie, Ghasemi, Maryam

Journal of Research in Medical and Dental Sciences 6 (Issue 3,), Page No 2018

Cardiac MRI findings in arrhythmogenic right ventricular dysplasia (ARVD) compared with echocardiography

Mrazieh Motevalli, Zeinab Siani, Ali Mohammadzadeh

2018 Medical Sciences 6 (3)

Evaluating the prevalence of nonischemic and ischemic coronary artery anomalies using 384 rows detector multidetector CT angiography

Marzieh Motevalli, Maryam Ghasemi

Journal of research in medical and dental sciences 6 (3), 368-381

Determination of the relationship between transvers relaxation T2\* calculated in cardiovascular MRI using Ferritin Laboratory test in patients with Beta Thalassemia Major Bagher Naseri<sup>1\*</sup>, Ali Mohammadzad, Marzieh Motavalli 2019

SPER Journal of Complementary and Alternative Medicine

Evaluation of Right Ventricular Function and Various Models of Delayed Enhancement with Cardiac Magnetic Resonance Imaging in Patients with Repaired Tetralogy of Fallot. Marzieh Motevalli<sup>1</sup>, Farzaneh Akhavan<sup>2</sup>, Ghazale Tefagh<sup>2</sup>, et al Iran J Radiol. 2020 April; 17(2):e94150. <http://iranradiol.com/articles/94150.html>

The crucial role of cardiac MRI parameters in the prediction of outcomes in acute clinically suspected myocarditis: A functional and feature-tracking study <https://doi.org/https://www.frontiersin.org/articles/10.3389/fcvm.2022.946435/full>

[Participation and Presentation in International Congress:](#)

- EURO PCR, in Paris 16<sup>th</sup> - 19<sup>th</sup>, May 2006
- Cardiac CT Imaging 5<sup>th</sup> International Conference on Cardiac Computed Tomography, July 23 – 24, 2004 in Nuremberg, Germany
- Siemens CT Imaging Gulf Coronary Congress, Dubai
- 5<sup>th</sup> International Congress of Cardiac Surgeons in collaboration with German Society of Cardiac Surgeons
- European congress of radiology 2007 for poster presentation (Vienna ,Austria)
- European congress of radiology 2011 for poster presentation
- European congress of radiology 2013 for lecture presentation
- International congress of heart surgery annually
- International congress of heart annually
- International congress of radiology annually for oral presentation and work shop
- PACS seminar –Amir Kabir University of Engineering 2014

## BOOKS

### 1-DIET THERAPY

M. Motevalli. MD., F. Kiani Amin. MD  
Azariyoon Press. 1998

### 2-COMPUTED TOMOGRAPHY OF THE CORONARY ARTERIES

Motevalli. M. D., H. Ghanaati. M. D., K. Firooznia. M. D., Sh. Shirani. M. D., S. Markarian. B.C.  
Hayyan Press. 2007

### 3-UTERINE FIBROID EMBOLIZATION

K. Firooznia. M. D., Motevalli. M. D., H. Ghanaati. M. D.,

Tehran University of Medical Sciences press 2012

GUIDING PROFESSOR FOR THE THESIS OF RESIDENCY AND FELLOWSHIP IN IRAN  
UNIVERSITY OF MEDICAL SCIENCES

1. Prevalence of abdominal aorta aneurysm in patient with coronary artery disease  
Motevalli.M.MD- Peyghambari.Mehdi .MD.Shamszadeh Amiri Majid - 2000 (file number 14122)
2. Evaluation of sonography guided compression repair in postcatheterization pseudoaneurysm and AV fistula -- Motevalli.M. MD- Peyghambari.Mehdi- Molavi Mohsen .MD 2005 -file number 2412
3. Diagnostic value of CT angiography in coronary artery stenosis with MDCT comparison with angiography Motevalli.M. MD- Alizadeh Orsi Shabnam 2007 -file number 14268
4. Evaluation of CABG occlusion in long term post-operative stage in Shaheed Rajaie Cardiovascular Center - Motevalli.M.MD, Dr. M. Bagheri, Dr. R. Ataei 2009 file number 4250
5. Delayed cardiac Enhancement with CMR , post TFTC and RV Function - Motevalli.M.MD, Dr. F. Akhavan – 2009- file number 1371
6. Dual Source CT For Congenital Heart Disease, Motevalli.M.MD, Dr. F. Sedaghat – 2012 –file number 136
7. Prevalence of coronary artery Anomaly with MDCT –a cross sectional study - Motevalli.M.MD, Dr. A. Moeeni- 2012 –file number 211
8. CMR evaluation in patients post-surgical repair in Tetralogy of Fallot, Motevalli.M.MD, Dr. R. Ebrahimi -2012- file number 349
9. Evaluation of heart rate on dual source coronary CT angiography Motevalli.M.MD, Dr. M Nour Mohammadzadeh- 2013- file number 352
10. Accuracy of Dual Source Coronary CT Angiography comparing conventional angiography without heart rate control Motevalli.M.MD, Dr. M.R. Tabatabaei 2012
11. Myocardial perfusion CMR and single photon emission computed tomography (SPECT) study in CAD - Motevalli. M.MD, Dr. Z. Safar Pour Lima- 2013 – file number 912
12. The diagnostic value of cardiac MRI in coronary artery disease comparing angiography -Motevalli.M.MD, Dr. A. MirShekarpor-2013- file number 913
13. Epicardial fat pad thickness correlation with coronary artery disease by dual source CT scan  
- Motevalli.M.MD- Mohammadzadeh.Ali .MD- Abedini Azade.MD- 2012- file number 915
14. Prevalence of coronary artery anomalies in pediatric CT Angiography  
Motevalli.M.MD, Dr. Sh. Jafari Pazhouh- 2013-file number 917

15. Accuracy of coronary MRI comparing dual source CT angiography for evaluation of coronary artery stenosis Mohammadzadeh.Ali .MD- -Motevalli.M.MD-.MD – Hasani.Zeynab.MD – 2014 –file number 1474
16. Dual source CT angiography for evaluation of great intrathoracic vessel anomaly Mohammadzadeh.Ali .MD- -Motevalli.M.MD- Nourmohammadi Shabnam .MD 2012- file number 1475
17. Evaluation of CABG patency in short term, midterm and long term post-operative stage in Shaheed Rajaie Cardiovascular Center ,2015 Mohammadzade.A.MD, Ghavidel -Motevalli MD,Salehian – 2014 –file number 1478
18. Accuracy of T2\* mapping cardiac MRI comparing gadolinium enhancement for myocardial infarction Motevalli.M.MD- Mohammadzadeh.Ali .MD- Maleki Zahra .MD -2016 –file number 2168
19. Evaluation of constrictive pericarditis with cardiac MRI comparing echocardiography and open heart surgery Motevalli.M.MD- Mohammadzadeh.Ali .MD –Tavasoli Sara .MD 2016 –file number 2204
20. Accuracy of T2\* mapping cardiac MRI comparing Lake Louise criteria for myocarditis diagnosis Motevalli.M.MD- Mohammadzadeh.Ali .MD Rabiee Parham.MD –2016 file number 2216
21. Correlation of nonalcoholic fatty liver with atherosclerosis of carotid arteries Motevalli.M.MD- Mohammadzadeh- Shahkarami Vahid.MD 2016- file number 2295
22. Feature tracking method with cardiac MRI to evaluate different strain pattern in Ebstein’s anomaly . Motevalli.M.MD- Allame.A.MD 2019
23. Accuracy of multislice CT angiography 386 slices in diagnosis of congenital heart disease comparing angiography and surgery findings. Motevalli.M.MD –Fathi- Elnaz 2019
24. perfusion study in hypertrophic cardiomyopathy with cardiac MRI. Motevalli.M.MD – Banitabar 2019
25. Feature tracking technique for the evaluation of hypertrophic cardiomyopathy with cardiac MRI – Motevalli.M.MD- Esfandiari .MD- 2019
26. Nonalcoholic Fatty Liver Disease Is Associated With Arterial Dispersability and Carotid Intima-Media thickness .Motevalli.M, Tofighi -2019
27. Transcatheter Endovascular Aortic Repair (TEVAR) complications .Motevalli.M, Palangi .MD

1. Association of extracranial carotid artery disease with CAD in patient candidate for coronary artery bypass graft -Motevalli.M.MD, Ghanaati .H. Golchin .N – 2009
2. Coronary Artery Muscle Bridge and CAD with 64 slices MDCT Motevalli.M.MD, Dr. M. Abaeeyan -2013
3. Accuracy of Cardiac ejection fraction measurement by 64 slices MDCT and Echo Cardiography Motevalli.M .MD , Borji . S. MD 2013
4. Myocarditis Evaluation with CMR 2013 , Motevalli.M.MD, Dr. H. Ghanadha- 2013
5. Coronary artery disease and Calcium Scoring and parathormone Level evaluation Motevalli.M.MD, Dr. N. Gilani-2013
6. Lesion Versus Vessel specific Calcium Scoring For CAD Motevalli.M.MD, Dr. J. Kargar 2013 ,
7. Coronary Artery Ectasia and CAD -Motevalli.M.MD, Dr. F. Rahnama- 2013
8. ARVD evaluation with CMR comparing Echocardiography Motevalli.M.MD, Dr. A. Sangi2013
9. Prevalence of coronary artery calcium scoring in patient with low calcium score Motevalli.M.MD, Dr. R. Hanifeh Pour- 2014
10. In stent Visibility by dual source CT -Motevalli.M.MD, Dr. P. Karami- 2013
11. Evaluation of hypertrophic cardiomyopathy comparing echocardiography- Motevalli.M.MD, Shokohi Mehdi. 2014-file number 528
12. Dilated cardiomyopathy evaluation with cardiac MRI Motevalli.M.MD- Ghodusi .Farideh.MD -2016
13. left ventricular noncompaction evaluation with cardiac MRI Motevalli.M.MD- Rahimi .Fateme.MD 2016\
14. Restrictive cardiomyopathy evaluation with cardiac MRI Motevalli.M.MD- Ghanaati. H Bahmanyar. MD- 2016

## INNOVATIONS

1. Cardiovascular dual source CT scan for evaluation of coronary artery disease and congenital heart disease established in Rajaie hospital for the first time in Iran by Dr .Motevalli and colleges

2. Cardiovascular MRI for evaluation of heart disease established in Rajaie Hospital for the first time in Iran by Dr .Motevalli and colleges