

MARZIEH MOTEVALLI

PROFESSOR OF RADIOLOGY

Iran University of Medical Sciences (IUMS)

Rajaei Cardiovascular Medical & Research Institute (RCMRI)

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I. Education

- University of Southern California Scholar Fellowship in Cardiovascular Imaging (2016-2017)
- Tehran University of Medical Sciences Fellowship in Advanced Interventional Radiology and Interventional Angiography (2008-2010)
- Iran University Board Certification in Radiology, Tehran, Iran (1994-1996)
- Iran University Medical School Graduate, Tehran, Iran (1985-1992)

II. FIELDS OF INTEREST

- Cardiac CT Scan
- Cardiac MRI
- Diagnostic and Interventional Angiography
- Doppler Ultrasonography
- Ultrasound Imaging

III. ACADEMIC AND OFFICIAL POSITIONS

- Director of Radiology Group, Rajaie Cardiovascular Center (1999-2023)
- President, Radiology Department, Rajaie Heart Hospital (1999-2012)
- Established MSCT Angiography Center, Rajaie Heart Hospital (2005)
- Founded Fetal Echo Cardiography Center, Rajaie Heart Hospital (2004)
- Established MRI and Cardiac MRI Center, Rajaie Heart Hospital (2005)
- Established Cardiac MSCT Center, Imam Khomeini Advanced Imaging Center, Tehran University of Medical Sciences (2015)
- Head of Multi-detector CT Scan, Tehran University of Medical Sciences, Imam Khomeini Hospital (2010-2015)
- Head of Spiral CT Scan, Tehran University of Medical Sciences, Imam Khomeini Hospital (2010-2015)
- Member of Preparing Medical Instrument in Rajaie Hospital (Since 2002)
- Member of Registration Database of Patients in Rajaie Hospital (Since 2006)
- Member of European Society of Radiology (Since 2007)
- Member of Iranian Society of Cardiology (Since 1996)
- Member of Iranian Society of Radiology (Since 1996)
- Head of Cardiovascular Imaging in the 29th Annual Persian International Congress of Radiology (2013)

IV. MEMBERSHIP

- Associate Editor of the Iranian Journal of Radiology
- Member of the Cardiac Professional Group in the Iranian Journal of Radiology
- Member of the Cardiovascular Essay Control Commission of IJR (International Journal of Radiology)
- Member of the Carotid Professional Group in the Iranian Journal of Radiology
- Member of the Clinical Pathology Conferences (CPC) Commission at Iran University
- Member of the CPC Commission at Rajaie Heart Hospital
- Member of the European Society of Radiology
- Member of the ISO – TQM (International Organization for Standardization – Total Quality Management) Commission
- Member of the Scientific and Professional Article Evaluation Committee for Employers
- Member of the Scientific Classification of Jobs Commission
- Scientific Member of the Iranian Journal of Radiology
- Member of the Society of Cardiac Magnetic Resonance
- Reviewer for the Clinical Case Report Journal
- Reviewer for the International Journal of Cardiovascular Imaging

V. PRESENTATIONS

- **Diagnostic Value of Dual Source CT Angiography in Congenital Heart Diseases: Comparing Transthoracic Echocardiography and Angiography**
 - Event: European Society of Radiology, Vienna, 2014
- **Cardiovascular Advance Imaging**
 - Event: Alborz University of Medical Science, Sep 04, 2012
- **Cardiovascular MDCT Imaging in Coronary Artery Disease**
 - Event: Iranian Society of Cardiothoracic Surgeon, Sep 25, 2012
- **Non-Invasive Imaging in Cardiology**
 - Event: Isfahan University of Medical Sciences, Isfahan, 2012
- **Cardiovascular MRI Workshop of Cardiovascular Disease**
 - Author: M. M. Motevalli,
 - Event: 28th Iranian Congress of Radiology, May 15–18, 2012
- **MR Angiography**
 - Author: M. M. Motevalli,
 - Event: 28th Iranian Congress of Radiology, May 15–18, 2012
- **Comparison of Dual Source and 64-Slice CT Scan in Cardiac Imaging: A Limited Iranian Experience**
 - Author: M. M. Motevalli, MD
 - Event: 27th Iranian Congress of Radiology, May 17–20, 2011
- **Predictors of Early Graft Patency Following Coronary Artery Bypass Surgery**
 - Event: European Society of Radiology, Vienna, 2011
- **Evaluation of Early Graft Patency Following Coronary Artery Bypass Surgery**
 - Event: European Society of Radiology, Vienna, 2011
- **Interesting Cases in Cardiac MRI**
 - Event: Advance Echocardiography Seminar, Iranian Society of Echocardiography, Feb 25, 2010
- **MRI in Congenital Heart Disease**
 - Event: Tehran University of Medical Science, Jan 27, 2010

- **Carotid Artery: The Role of CT Angiography**
 - Event: International Congress of Radiology, May 2009
- **Pulmonary CT Angiography in Pulmonary Embolism: Technical Considerations & Interpretation**
 - 28th Iranian Congress of Radiology, Diagnostic Value of Cardiac MRI, May 2009
- **Doppler Sonography of Carotid Arteries**
 - Event: Third Conference of the Association of Endovascular, Imam Khomeini Hospital, Tehran University of Medical Science, May 01, 2008
- **Multislice Cardiac CT Angiography: A Review on Accepted Indications and Potentials for Other Applications Regarding the Newest Developments**
 - Authors: M. M. Motevalli, MD; A. Almasi, MD; A. Sadatnasiri, MD
 - Event: 23rd Annual Radiology Convention, 2007
- **Pediatric Imaging Congress**
 - Event: Iran University of Medical Science, 2006
- **Chest X-Ray in Cardiovascular Disease**
 - Event: 5th Congress of Cardiothoracic Surgeons, 2006
- **Comparative Study of Efficacy and Safety of Loratadine and exchlorpheniramine in the Treatment of Allergic Disorders**
 - Authors: F. Amin Kiani, MD; M. M. Motevalli, MD; M. R. Masjedi, MD
 - Event: 4th International Congress of Immunology and Allergy, Iran, Isfahan, May 13–15, 1998
- **Epidemiologic Evaluation of Pleural Effusion with Infectious Causes in Fatemeh Hospital**
 - Authors: M. M. Motevalli, MD; Amin Kiani, MD; Bornaki, MD
 - Event: 9th Iranian Congress of Internal Medicine, May 11–14, 1998
- **Loratadine versus Dexchlorpheniramine for Allergic Rhinitis**
 - Authors: F. Kiani Amin; M. M. Motevalli, MD; M. R. Masjedi, MD
 - Event: 8th Iranian Professional Internal Physicians Society Congress, 22–25, 1996
- **Evaluation of Lung Disease in Sarcoidosis: A Cross-Sectional Study**
 - Authors: M. M. Motevalli, MD; F. Kiani Amin, MD; S. M. Hasantash, MD
 - Event: Massih Daneshvari Research Center, Pulmonary Disease, Dec 15–17, 1996

- **Effect of Myocardial Fibrosis on Left Ventricular Diastolic Function Assessed by Non-invasive Cardiac Magnetic Resonance and Echocardiography**
 - Authors: Marzieh Motevalli, Kiavar, Alizadeh, ...
 - Event: Nominated for Asian Society of Cardiovascular Imaging, Hong Kong, 2014
- **Presentation in Cardiac Imaging in International Radiology Congress of Iran**
 - (Annually from 2000 until now)
- **Presentation in Cardiac Imaging in International Cardiology Congress of Iran**
 - (Annually from 2000 until now)

VI. PARTICIPATION

- European Congress of Radiology (2011, Vienna)
- Iranian Heart Association in collaboration with American College of Cardiology (November 18-21, 2008)
- First International Europe Middle East Congress of Spinal Surgery (Abu Dhabi)
- Participation in EURO PCR (May 16-19, 2006, Paris)
- Iranian Heart Association in collaboration with the University of Vienna (October 8-11, 2002)
- Iranian Heart Association in collaboration with French Society of Cardiology and French Society of Cardiovascular Surgery (November 3-6, 2006)
- European Congress of Radiology (2007, Vienna)
- Iranian Heart Association in collaboration with British Cardiac Society (November 23-26, 2004)
- The 5th International Conference on Cardiac Computed Tomography (July 23-24, 2004, Nuremberg, Germany)
- Siemens Cardiac Workshop on Multislice CT Imaging and Post Processing (November 2004)
- International Congress of Iranian Society of Cardiac Surgeons in collaboration with German Society of Cardiac Surgeons (2003)
- Medical Association of North America and Rajaie Heart Center (August 2001)
- Iranian Heart Association in collaboration with Mayo Clinic & The Cleveland Clinic Foundation (November 2000)

VII. ARTICLES

1. Diet Therapy for Duodenal Ulcers

- Author: M. Motevalli, MD
- Published in Nursing and Society (25); 2007

2. Diet Therapy for Respiratory Diseases

- Authors: M. Motevalli, MD
- Published in Nursing and Society (36); 2007

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

- Authors: H. A. Basiri, MD; S. Abdi, MD; M. Motevalli, MD; N. Givtaj, MD; N. Samiei, MD
- Published in Iranian Heart Journal 8(1): 55–57, Spring 2007

4. MDCT Evaluation of Congenital Heart Disease

- Author: M. Motevalli, MD
- Published in Iran J. Radiol. 1. 16. 2006

5. Incidence of Abdominal Aortic Aneurysm in Coronary Artery Disease

- Authors: M. Motevalli, MD; M. Peighambari, MD
- Published in Iranian Heart Journal 4(2,3): 6–8; 2003

6. Intima Media Thickness of Carotid Vessels and Carotid Artery Stenosis in Patients

- Authors: M. Motevalli, MD; F. Noohi, MD; M. Ojaghi, MD; R. Eskandari, MD

7. Hydatid Cyst

- Authors: M. Motevalli, MD; F. Kiani Amin, MD
- Published in Pezeshke Panj Setare 3: 52–58; 1999

8. Carotid Plaque Morphology in Left Main Stenosis

- Authors: M. Motevalli, MD; M.D. Chamanian; M. Maleki, MD; M. Ojaghi Haghighi, MD; G. Malek, MD; B. Ghodsi, MD
- Published in Cardiovascular Journal

9. Unilateral Blindness as the Sole Finding in a Patient with High Flow Carotid-Cavernous Fistula

- Authors: H. Ghanaati, MD; M. Motevalli, MD; Z. Keyhanidoost, MD; H. Eslamiyeh, MD; H. Jalali, MD
- Published in Iran J Radiol 2010, 7(4): 241-244

10. Increasing Exophthalmia after Carotid-Cavernous Fistula Closure with a Detachable Balloon: Problems of Incomplete Treatment - A Case Report

- Authors: H. Ghanaati, MD; M. Motevalli, MD; H. Jalali, MD; K. Firouznia, MD
- Published in The Neuroradiology Journal 2010, 23(1)

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

- Authors: Dr. Hosseinali Bassiri, Dr. Alireza Nematollahi, Dr. Fereidoun Noohi, Dr. Jafar Hashemi, Dr. Marzieh Motevalli, Dr. Nader Givtaj, Dr. Kamal Raissi, Dr. Majid Haghjoo
- Published in Interact Cardio Vasc Thorac Surg 2011; 12:596-599; Originally Published Online Jan 27, 2011; DOI: 10.1510/icvts.2010.261834

12. Predictors of Early Graft Patency Following Coronary Artery Bypass Surgery

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

13. Hydatid Cyst of The Knee: A Case Report

- Authors: Dr. Hossein Ghanaati, Marzieh Motevalli, et al
- Published in Iran Radiol. 2011; 8(3): 170-172. DOI: 5812/kmp.iran radiol.17351065.3162

14. Efficacy of Transarterial Chemoembolization On Lesion Reduction In Colorectal Liver Metastases

- Authors: Dr. H. Ghanaati, Mohammadzadeh, Motevalli, et al
- Published in Acta Med Iran. 2012 Aug; 50(8): 535-540.

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

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

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

- Author: Dr. M. Motevali
- Published in Iran J Radiol 2009; 6(S1): 119

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

- Authors: 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
- Published in Journal Of Hepatitis Monthly – Powered By ARS Version 1.9 (Online Submission), Page 57-61

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

- Authors: 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
- Published in Iran J Radiol 2009, 6(3):125-129

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

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

20. Fluoroscopic Versus Conventional Computed Tomography-Guided Biopsy

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

21. Advances Of Interventional Radiology In The Treatment Of Hepatobiliary Diseases In Iran

- Authors: Ghanaati, Firouznia, Marzieh Motevalli.MD, Dr. A. H. Jalali
- Published in Hepat Mon, 2011; 11(7)

22. Multidetector CT Evaluation of Stent Re Stenosis Post Percutaneous Coronary Intervention

- Authors: Motevalli, M. Ghanaati H.
- Published in Iran J Radiol.2014,11(Supp.2)

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

- Authors: Motevali*.MD, Shokri, MD
- Published in Journal of Iran University - IJR.2014, 11 (Supp.2)

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

- Authors: Motevalli.M.MD, Shokri, MD
- Published in Journal of tran University -2014, 11, Supp.2

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

- Authors: Marzieh Motevalli et al
- Published in articles\ircmj-16-12-26010

26. Diagnostic Accuracy of Dual-Source Coronary Angiography in Symptomatic Patients

- Authors: Marzieh Motevalli, MD; Hanifepoor R., MD

27. The Crucial Role of Cardiac MRI Parameters in the Prediction of Outcomes in Acute Clinically Suspected Myocarditis: A Functional and Feature-Tracking Study

- Authors: Marzieh Motevalli, Sanaz Asadian, Foroogh Khademi, Nahid Rezaeian, Leila Shayan
- Published in Frontiers in Cardiovascular Medicine, Volume 9, Pages 946435
- Publication Date: September 7, 2022

28. Evaluation of Patients with Tetralogy of Fallot by Cardiac MRI After Complete Surgical Repair in Rajaei Heart Center

- Authors: Marzieh Motevalli et al
- Published in KAUMS Journal (FEYZ), Article Code: A-10-4083-1 Volume 26, Issue 2, Pages 240-246
- Publication Date: 2022

29. The Use of Feature Tracking Technique for the Quantification of Ventricular Strain Pattern in Patients with Ebstein's Anomaly: A Case-Control Study

- Authors: Marzieh Motevalli et al
- Published in Iranian Journal of Medical Sciences, Volume 47, Issue 4, Pages 314-319
- Publication Date: 2022

30. Myocardial Strain by Cardiac Magnetic Resonance: A Valuable Predictor of Outcome After Infarct Revascularization

- Authors: Kiara Rezaei-Kalantari, Rosa Babaei, Hooman Bakhshandeh, Marzieh Motevalli, Ahmad Bitarafan-Rajabi, Kianosh Kasani, Maryam Jafari, Ali Mohammad Farahmand, Maedeh Sharifian
- Published in European Journal of Radiology, Volume 144, Publisher: Elsevier
- Publication Date: November 1, 2021

31. Extramedullary Hematopoiesis Presenting as Progressive Headache: A Case Report and Review of Literature

- Authors: Mohammad Reza Babaee, Iman Mohseni, Mohammad Ali Mohammadi-Vajari, Ghazale Tefagh, Nima Rakhshankhah, Marzieh Motevalli
- Published in Case Reports in Clinical Practice
- Publication Date: November 29, 2021

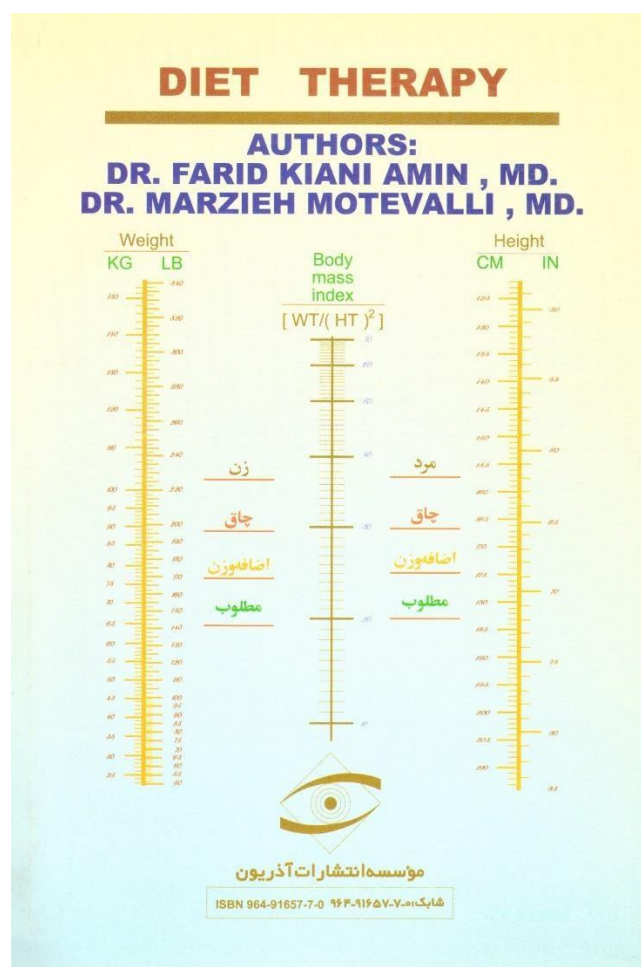
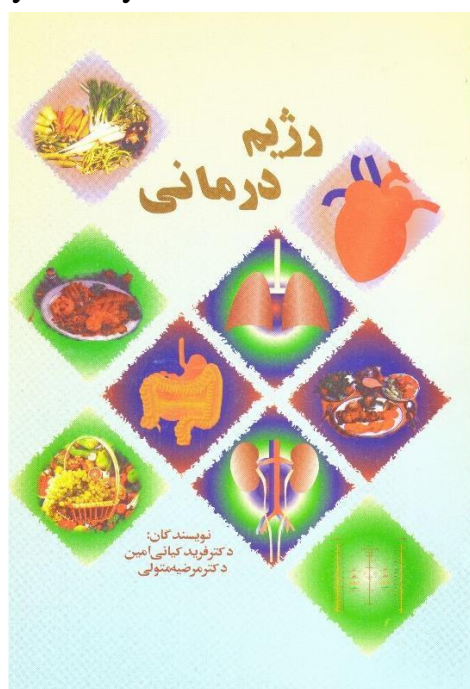
VIII. Participation and Presentation in International Congresses:

- EURO PCR, (Paris, May 16th - 19th, 2006)
- Cardiac CT Imaging 5th International Conference on Cardiac Computed Tomography, (Nuremberg, Germany, July 23 – 24, 2004)
- Siemens CT Imaging Gulf Coronary Congress, (Dubai)
- 5th 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
- European Congress of Radiology 2013
- International Congress of Heart Surgery, (Annually)
- International Congress of Heart, (Annually)
- International Congress of Radiology, (Annually, for Lecture and Workshop)
- PACS Seminar – Amir Kabir University of Technology (Tehran, 2014)

IX. BOOKS

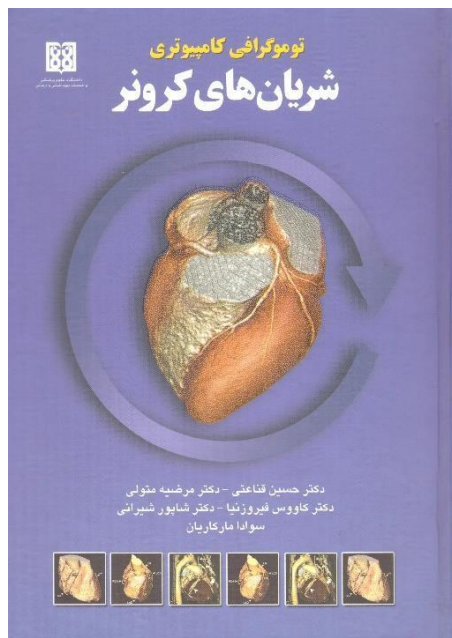
A. Diet Therapy

- Author: Motevalli-Kiani Amin
- Published by Azariyoon Published in 1998



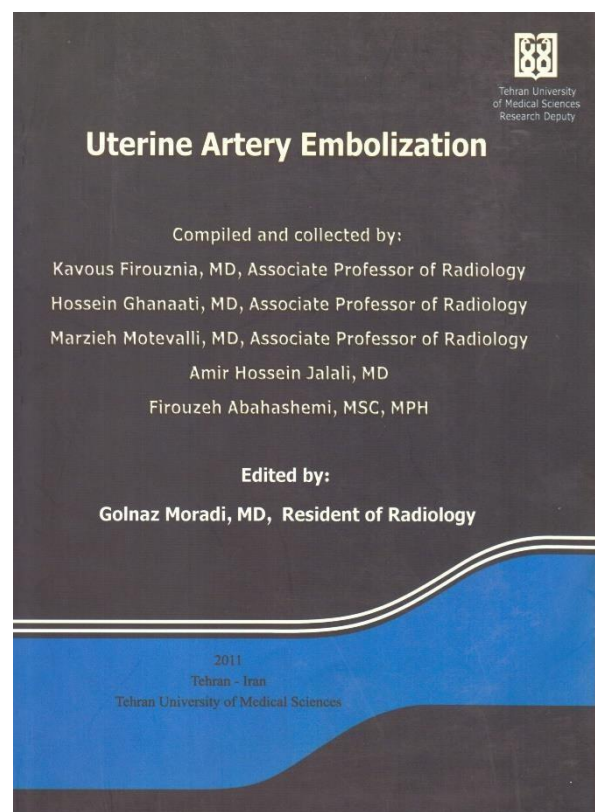
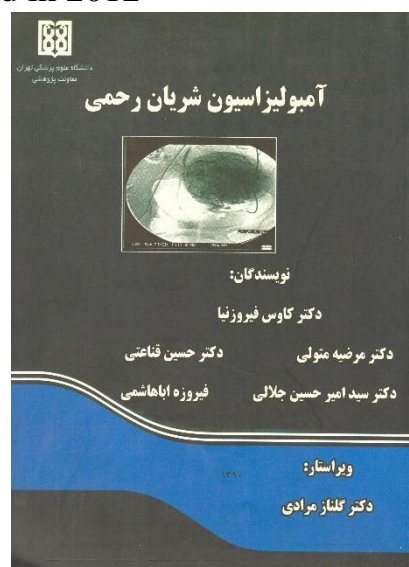
B. Computed Tomography of the Coronary Arteries

- Authors: Motevalli, M.D.; H. Ghanaati, M.D.; K. Firooznia, M.D.; Sh. Shirani, M.D.; S. Markarian, B.C.
- Published by Hayyan Published in 2007



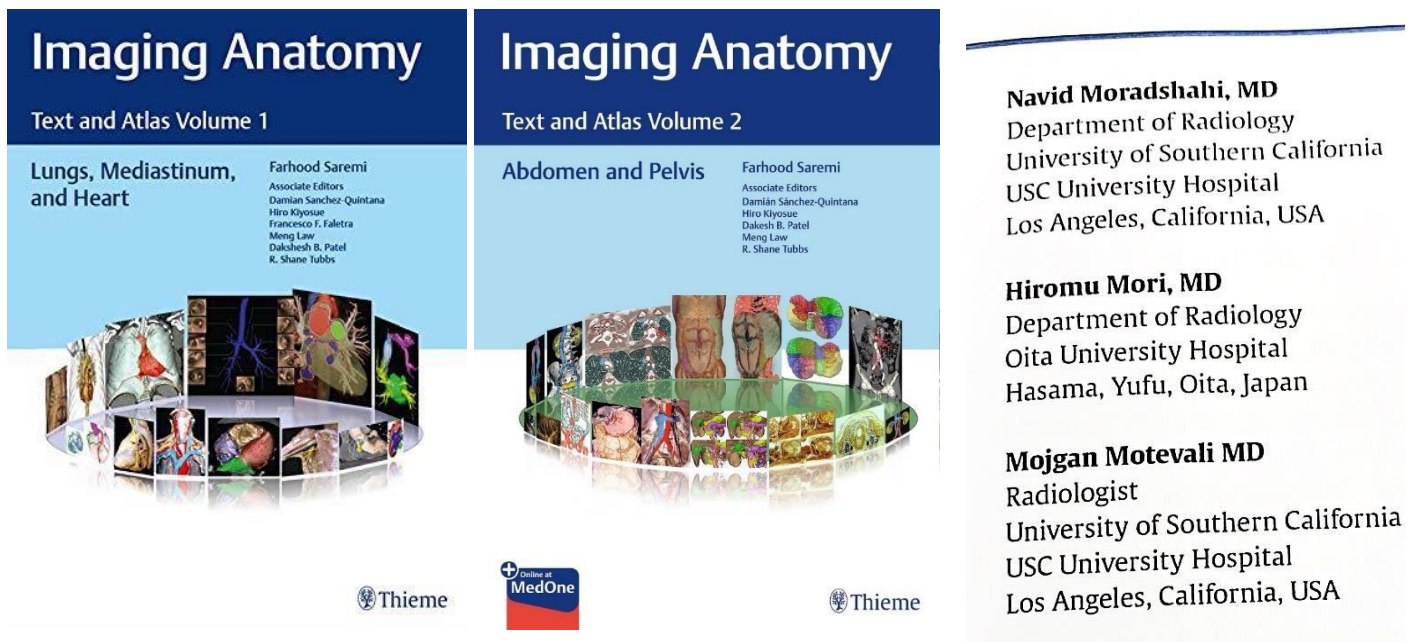
C. Uterine Fibroid Embolization

- Authors: K. Firooznia, M.D.; Motevalli, M.D.; H. Ghanaati, M.D.
- Published by Tehran University of Medical-Sciences Published in 2012



D. Imaging Anatomy

- Authors: Farhood Saremi et al.
- Published by Thieme in collaboration with the University of Southern California in 2023



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

1. "Prevalence of Abdominal Aortic Aneurysm in Patients with Coronary Artery Disease" (2000)
 - Authors: M. Motevalli, Peyghambari Mehdi, Shamszadeh Amiri Majid
2. "Evaluation of Sonography-Guided Compression Repair in Post Catheterization Pseudoaneurysm and AV Fistula" (2005)
 - Authors: M. Motevalli, Peyghambari Mehdi, Molavi Mohsen
3. "Diagnostic Value of CT Angiography in Coronary Artery Stenosis with MDCT Comparison with Angiography" (2007)
 - Authors: M. Motevalli MD, Alizadeh Orsi Shabnam
4. "Evaluation of CABG Occlusion in Long-term Postoperative Stage in Shaheed Rajaie Cardiovascular Center" (2009)
 - Authors: M. Motevalli MD, Dr. M. Bagheri, Dr. R. Ataei
5. "Delayed Cardiac Enhancement with CMR, Post TFTC, and RV Function" (2009)

- Authors: M. Motevalli MD, Dr. F. Akhavan
- 6. "Dual-Source CT for Congenital Heart Disease" (2012)
 - Authors: M. Motevalli, F. Sedaghat
- 7. "Prevalence of Coronary Artery Anomaly with MDCT – A Cross-Sectional Study" (2012)
 - Authors: M. Motevalli, A. Moeeni
- 8. "CMR Evaluation in Patients Post-Surgical Repair in Tetralogy of Fallot" (2012)
 - Authors: M. Motevalli MD, Dr. R. Ebrahimi
- 9. "Evaluation of Heart Rate on Dual-Source Coronary CT Angiography" (2013)
 - Authors: M. Motevalli MD, Dr. M. Nour Mohammadzadeh
- 10. "Accuracy of Dual-Source Coronary CT Angiography Comparing Conventional Angiography Without Heart Rate Control" (2012)
 - Authors: M. Motevalli MD, Dr. M.R. Tabatabaei
- 11. "Myocardial Perfusion CMR and Single Photon Emission Computed Tomography (SPECT) Study in CAD" (2013)
 - Authors: M. Motevalli, Z. Safar Pour Lima
- 12. "The Diagnostic Value of Cardiac MRI in Coronary Artery Disease Comparing Angiography" (2013)
 - Authors: M. Motevalli, A. MirShekarpor
- 13. "Epicardial Fat Pad Thickness Correlation with Coronary Artery Disease by Dual-Source CT Scan" (2012)
 - Authors: M. Motevalli MD, Mohammadzadeh Ali MD, Abedini Azade MD
- 14. "Prevalence of Coronary Artery Anomalies in Pediatric CT Angiography" (2013)
 - Authors: M. Motevalli, Sh. Jafari Pazhouh
- 15. "Accuracy of Coronary MRI Comparing Dual-Source CT Angiography for Evaluation of Coronary Artery Stenosis" (2014)
 - Authors: M. Motevalli, Hasani Zeynab

16. "Dual-Source CT Angiography for Evaluation of Great Intrathoracic Vessel Anomaly" (2012)
 - Authors: M. Motevalli, Nourmohammadi Shabnam MD
17. "Evaluation of CABG Patency in Short Term, Midterm, and Long Term Postoperative Stage in Shaheed Rajaie Cardiovascular Center" (2015)
 - Authors: Mohammadzade, Ghavidel, M. Motevalli, Salehian
18. "Accuracy of T2* Mapping Cardiac MRI Comparing Gadolinium Enhancement for Myocardial Infarction" (2016)
 - Authors: M. Motevalli MD, Maleki Zahra MD
19. "Evaluation of Constrictive Pericarditis with Cardiac MRI Comparing Echocardiography and Open Heart Surgery" (2016)
 - Authors: M. Motevalli, Mohammadzadeh, Tavasoli Sara
20. "Accuracy of T2* Mapping Cardiac MRI Comparing Lake Louise Criteria for Myocarditis Diagnosis" (2016)
 - Authors: Mohammadzadeh Ali MD, M. Motevalli
21. "Correlation of Nonalcoholic Fatty Liver with Atherosclerosis of Carotid Arteries" (2016)
 - Authors: M. Motevalli MD, Shahkarami Vahid MD
22. "TEVAR and EVAR Complications with Noninvasive CT Angiography" (2023)
 - Authors: M. Motevalli, Palangi
23. "Ascending Aorta Repair Surgical Complication with CT Angiography" (2023)
 - Authors: M. Motevalli, Salehi Marzieh
24. "Post COVID Lung Complications with HRCT" (2023)
 - Authors: M. Motevalli, Nourozi
25. "Cardiac Mass Tissue Characterization with Cardiac MRI Comparing Pathology Findings" (2023)
 - Authors: M. Motevalli MD, Vejdandpak
26. "Athlete Heart with Cardiac MRI" (2023)
 - Authors: M. Motevalli, Karimi

XI. GUIDING PROFESSOR FOR THE THESIS OF RESIDENCY AND FELLOWSHIP IN TEHRAN UNIVERSITY OF MEDICAL SCIENCES

1. "Association of Extracranial Carotid Artery Disease with CAD in Patient Candidate for Coronary Artery Bypass Graft" (2009)
 - Authors: M. Motevalli MD, Ghanaati H., Golchin N.
2. "Coronary Artery Muscle Bridge and CAD with 64 Slices MDCT" (2013)
 - Authors: M. Motevalli MD, Dr. M. Abaeeyan
3. "Accuracy of Cardiac Ejection Fraction Measurement by 64 Slices MDCT and Echocardiography" (2013)
 - Authors: M. Motevalli MD, Borji S. MD
4. "Myocarditis Evaluation with CMR" (2013)
 - Authors: M. Motevalli MD, Dr. H. Ghanadha
5. "Coronary Artery Disease and Calcium Scoring and Parathormone Level Evaluation" (2013)
 - Authors: M. Motevalli MD, Dr. N. Gilani
6. "Lesion Versus Vessel-Specific Calcium Scoring for CAD" (2013)
 - Authors: M. Motevalli MD, Dr. J. Kargar
7. "Coronary Artery Ectasia and CAD" (2013)
 - Authors: M. Motevalli MD, Dr. F. Rahnama
8. "ARVD Evaluation with CMR Comparing Echocardiography" (2013)
 - Authors: M. Motevalli MD, Dr. A. Sangi
9. "Prevalence of Coronary Artery Calcium Scoring in Patient with Low Calcium Score" (2014)
 - Authors: M. Motevalli MD, Dr. R. Hanifeh Pour
10. "In-Stent Visibility by Dual-Source CT" (2013)
 - Authors: M. Motevalli MD, Dr. P. Karami

11. "Evaluation of Hypertrophic Cardiomyopathy Comparing Echocardiography" (2014)
 - Authors: M. Motevalli MD, Shokohi Mehdi
12. "Dilated Cardiomyopathy Evaluation with Cardiac MRI" (2016)
 - Authors: M. Motevalli MD, Ghodusi Farideh MD
13. "Left Ventricular Noncompaction Evaluation with Cardiac MRI" (2016)
 - Authors: M. Motevalli MD, Rahimi Fatemeh MD
14. "Restrictive Cardiomyopathy Evaluation with Cardiac MRI" (2016)
 - Authors: M. Motevalli MD, Ghanaati H., Bahmanyar MD

XII. INNOVATIONS

- A. Cardiovascular dual-source CT scanning for the evaluation of coronary artery disease and congenital heart disease was introduced for the first time in the country at Rajaie Hospital by Dr. Motevalli and colleagues.
- B. Cardiovascular Magnetic Resonance Imaging (MRI) for the evaluation of heart disease was established at Rajaie Hospital for the first time in the country by Dr. Motevalli and colleagues.