

# Curriculum Vitae



## Personal Information



**Surname:** Assadi

**Forename:** Majid

**Title:** Prof. of Nuclear Medicine  
/Molecular Imaging

**Gender:** Male

**Place of Birth:** Jam, Iran

**Date of Birth:** 25/06/1977

**Nationality:** Iranian

**Marital Status:** Married (with one son)

**Address:** Nuclear Medicine and  
Molecular Imaging Research Center, The  
Persian Gulf Biomedical sciences  
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[http://www.researchgate.net/profile/Majid\\_Assadi2](http://www.researchgate.net/profile/Majid_Assadi2)

<http://scholar.google.com/citations?user=SvOOQwkAAAJ&hl=en>

<http://pgnmrc.bpums.ac.ir/fa/index.aspx>

**Iranian Medical Council Registration**

**No:** 97159

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## Academic History

### Education

**Year: From 1992 To 1996**

**Major: Mathematics**

**Degree: Diploma**

**School: Elite high school**

**City: Bushehr**

**Country: Iran**

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**Year: From 1996 To 2003**

**Major: Medicine**

**Degree: MD**

**University: Bushehr University of Medical Sciences**

**Country: Iran**

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**Year: From 2003 To 2006**

**Major: Nuclear Medicine**

**Position: Resident-Assistant**

**University: Tehran University of Medical Sciences**

**Country: Iran**

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**Year: 2011**

**Major: PET-CT**

**Position: Visiting Fellowship**

**University: Stanford University, Stanford, CA**

**Country: USA**

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**Year: 2014**

**Major: Advanced Radiology Training and Achievement Certificate of Merit of Department of Radiology**

**Position: Visiting Fellowship**

**University: Harvard Medical School (Mass General Hospital), Boston, MA**

**Country: USA**

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**Year: Since 2012**

**Major: FAPSC**

**Position: Fellow (Hon.)**

**Body: Asian Pacific Society of Cardiology**

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**Year: 2016**

**Major: FASNC**

**Position: Fellow (Hon.)**

**Body: American Society of Nuclear Cardiology**

FASNC, recognized as a cardiovascular imaging professional at the top of your field. Fellowship is one of the most distinguished designations that ASNC offers its professional members. As a FASNC, your contributions and leadership will help deliver ASNC's mission to improve cardiovascular outcomes through image guided patient management. Election to Fellowship is determined by the ASNC Board.

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## Certificates

**Major: CT angiography Training**

**Time: 2014**

**Body: Department of Radiology, MGH, Harvard Medical School (*Certificate of Merit*)**

**Material: TTE Basics, Statistics for Medicine**

**Body: Stanford University, USA**

**Major: Image Interpretation Course**

**Time: 2014**

**Body: Norfolk & Norwich University Hospital NHS Trust(UK)**

**Material: Management of Radiological Events**

**Body: Johns Hopkins University, USA**

**Material: Molecular Imaging in Cardiology, Endocrinology and Cancer**

**Body: School of Medicine, University of Pennsylvania, USA**

**Material: Advanced Basic Courses**

**Body: Cleveland Clinic Foundation, USA**

**Material: Pharmacogenomics in Clinical Practice**

**Body: Indiana University, USA**

**Material: An Introduction to Biomedical Informatics**

**Body: MAYO CLINIC, USA**

**Material: Population Health Management Through Data Analytics**

**Body: Massachusetts Medical Society (MMS) , USA**

**Material: Bone Health, Treatment To Prevent Fractures in Men and Women With Low Bone Density or Osteoporosis:**

**Body: Baylor College of Medicine, USA**

**Other:** More than 100 national and international college and university certificates

## Academic Appointments

<u>Year</u>	<u>Academic Rank</u>	<u>Institution</u>
2014-present	<i>Prof. of Radiology Department (Division of Nuclear Medicine)</i>	<i>Bush. Univ. Med. S.</i>
2011-2014	<i>Associate Prof. of Radiology Department (Division of Nuclear Medicine)</i>	<i>Bush. Univ. Med. S.</i>
2006-2011	<i>Assistant Prof. of Radiology department (Division of Nuclear Medicine)</i>	<i>Bush. Univ. Med. Sc.</i>

## Scientific-Executive Records

### Journal Editorial Board Member Activity

**Medicine** (IF=5.73)

Year:2014- present

**Archives of Medical Science (AMS)** (IF= 2.030).

Year: 2012-present

**World Journal of Radiology.**

Year :2012-present

**World Journal of Gastroenterology** (IF=2.10).

Year :2011-2014

**Environmental Studies of Persian Gulf**(Persian Gulf University)

Year 2013-present

**Editor-in-Chief Iranian South Medical Journal(ISMJ) .**

Year :2009-present

## Review Activity

**Such as**

**Diabetes care Journal.**(IF=8.00)

**Am J Nephrology** (IF=9.34)

**Heart (BMJ).**IF= 5

**Plos' one group Journals** (IF=5.00).

**Journal of Cardiovascular Medicine** (IF=0.5).

**Anatolian Journal of Cardiology** (IF=0.4).

**Tumor biology** (IF=2.5)

**Molecular Imaging and Radionuclide Therapy**

**Iranian Journal of Kidney diseases (ISI).**

**Clinical Nuclear Medicine**(IF=4)

*BMC Medical Imaging*  
*Medical Hypotheses (If=2.4).*  
*European Journal of Gastroenterology & Hepatology*  
*Ir J Nuc Med*  
*Tehran University Medical Journal*  
*BMC Research Notes*  
*Expert Review of Medical Devices*

### **Main Scientific-Executive Activity**

*Title: Member of International Advisory panel (IAP)*  
*Place: American Society of Nuclear Cardiology (USA)*  
*Year: 2015-present*

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*Title: Candidate selected for Board of Director of Brain Council (BOD)*  
*Place: Society of Nuclear Medicine and Molecular Imaging (USA)*  
*Year: 2015*

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*Title: Member of the Academy of Medical Sciences of Iran*  
*Place: Tehran*  
*Year: 2017*

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*Title: Member of Young Professional Committee (YPC)*  
*Place: Society of Nuclear Medicine and Molecular Imaging (USA)*  
*Year: 2011-present*

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*Title: Member of Referee council for Academic Journal in Health (subgroup of Nuclear Medicine, Radiology, Radiotherapy).*  
*Place: Ministry of Health and Medical Education, Iran*  
*Year: 2009*

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*Title: Founder of the Persian Gulf Nuclear Medicine and Molecular Imaging*  
*Research center, Bushehr University of Medical Sciences.*  
*Place: Bushehr University of Medical Sciences, Bushehr, IRAN*  
*Year :2009-present*

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*Title: Founder of the Radionuclide Therapy Affairs*  
*Place: Bushehr University of Medical Sciences, Bushehr, IRAN*  
*Year :2016-present*  
*Title: Member of Board Trustee of Bushehr University of Medical Sciences*  
*Body: President*  
*Year: 2012-Present*

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*Title: Member of Board Regency of Bushehr Elite Organization*

**Body: Vice-President**  
**Year: 2014-Present.**

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**Title: Deputy of Research in Faculty of Medicine.**  
**Place: Bushehr University of Medical Sciences, Bushehr. IRAN**  
**Year: 2006-present**

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**Title: Member of Leadership Council in Research and Technology, Bushehr Province.**  
**Place: Bushehr**  
**Year :2007-2013**

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**Title: Head of Neurology Committee of 10th Asia-Oceania Nuclear Medicine and Biology Congress**  
**Place: Tehran. IRAN**  
**Year: 2012.**

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**Title: Member of Scientific Committee of Iranian Nuclear Medicine Congresses**  
**Place: IRAN**  
**Year: 2009-2016.**

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**Title: Award Committee Chair of the 5th International and 17th Iranian Congress of Nuclear Medicine**  
**Body: Iranian Nuclear Medicine Association and Shiraz University of Medical Sciences**  
**Year: 2013**

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## **Honors & Awards**

**Award: The High Distinguish Researcher in 16th Festival of Appreciation of Selective Researchers and Technologists, Ministry of Science, Research and Technology of Islamic Republic of Iran**  
**Place: Tehran/Iran**  
**Awarding Body: Ministry of Science, Research and Technology of Islamic Republic of Iran**  
**Year: 2015**

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**Award: International Research Award 2005**  
**Place: NY/ USA**  
**Awarding Body: American Society of Rhinology**  
**Year: 2005**

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**Award: Outstanding Researcher of WFNMB**

**Place: Seoul/ Korea**  
**Awarding Body: World Federation of Nuclear Medicine and Biology (WFNMB)**  
**Year: 2006**

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**Award: Finalist of Best Paper at Annual Meeting ESNMMI**  
**Place: Birmingham/UK**  
**Awarding Body: European Society of Nuclear Medicine and Molecular Imaging**  
**Year: 2012**

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**Award: The Best Young Investigator in Razi Research Festival on Medical Sciences in Iran**  
**Place: Tehran/Iran**  
**Awarding Body: Presidency**  
**Year: 2006**

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**Honor: Earlier Professorship Degree with high score =472 (at age 36 yrs )**  
**Place: Bushehr/Iran**  
**Awarding Body: Ministry of Health & Medical Education**  
**Year: 2014**

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**Award: Rank One in Research in Faculty of Medicine of TUMS**  
**Place: Tehran/Iran**  
**Awarding Body: Tehran University of Medical Sciences**  
**Year: 2004**

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**Award: Outstanding individual in the National Examination of Iranian Nuclear Medicine Physicians (Board)**  
**Place: Tehran/Iran**  
**Awarding Body: Ministry of Health and Medical Education**  
**Year: 2005**

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**Award: Outstanding National Youth**  
**Place: Tehran/Iran**  
**Awarding Body: National Youth Organization/Deputy of President**  
**Year: 2008**

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**Award: The Best Student of Iran**  
**Place: Tehran/Iran**  
**Awarding Body: Ministry of Health & Medical Education**  
**Year: 2005**

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**Awarding Body: Iran's National Elites Foundation (INEF)**  
**Year: 2006**

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**Honor: The distinguished researcher of the year in Bushehr province**  
**Place: Bushehr/Iran**

**Awarding Body: The Governor of Iran's Bushehr Province**  
**Year: 2010**

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**Award: First Rank in Bushehr Medical School in Comprehensive Examination of Clinical Sciences and Average Grade of Clinical Courses.**

**Place: Bushehr/Iran**

**Awarding Body: Bushehr University of Medical Sciences**

**Year: 2002**

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## **Invention/Innovation**

**SPECT and MRI image fusion based on transform domain method using a new combination rule**

**Cardiac twist using myocardial perfusion gated SPECT**

**Diagnosis of post traumatic anosmia using quantitative brain SPECT**

## **Publications**

### **A. Books**

#### **International**

**Author: M. Assadi**

**Title: Principles of NUCLEAR MEDICINE: Self-Assessment & Board Review**  
(>1000 pages)

**TIME OF PUBLICATION: (In process) Publisher: john willy**

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#### **National**

**Author: I.Nabipour, M. Assadi**

**Title: The Future of Medicine Systems Medicine P4 Medicine**

**Publisher: Bushehr University of Medical sciences**

**Site of Publication: Tehran**

**Year of Publication: 2014**

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**Author: M. Assadi**

**Title: The Role of Nuclear Medicine in Endocrine**

**Publisher: Bushehr University of Medical sciences**

**Site of Publication: Tehran**



**Year of Publication: 2009**

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**Author: M. Assadi**

**Title: The Role of Nuclear Medicine in Cardiology and Pulmonology**

**Publisher: Bushehr University of Medical sciences**

**Site of Publication: Bushehr**

**Year of Publication: 2010**

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**Author: I.Nabipour, M. Assadi**

**Title: Use of Stable Iodine in Nuclear Emergencies**

**Publisher: Bushehr University of Medical sciences**

**Site of Publication: Bushehr**

**Year of Publication: 2011**

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**Author: M. Assadi**

**Title: Ramadan Fasting and Medicine**

**Publisher: Fasa University of Medical sciences**

**Site of Publication: Tehran**

**Year of Publication: 2006**

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**Author: A.Ebrahimi, M. Assadi**

**Title: Key Points in Medicine (English)**

**Publisher: Bushehr University of Medical sciences**

**Site of Publication: Tehran**

**Year of Publication: 2007**

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***B. Articles ( >200 )*** [http://www.researchgate.net/profile/Majid\\_Assadi2/publications](http://www.researchgate.net/profile/Majid_Assadi2/publications)

Mojtaba Ghasemi, Iraj Nabipour, Abdolmajid Omrani, Zeinab Alipour, Majid Assadi: **Precision medicine and molecular imaging: new targeted approaches toward cancer therapeutic and diagnosis. Am J Nucl Med Mol Imaging 2016;6(6):310-327.**

**. An Interesting Case of a Spontaneous Resolution of Pituitary Adenoma after Apoplexy.** J. Saberifard\*, T. Yektanezhad† and M. Assadi

Journal of the Belgian Society of Radiology

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**99mTc-IgG-Lung Scintigraphy in the Assessment of Pulmonary Involvement in Interstitial Lung Disease and Its Comparison With Pulmonary Function Tests and High-Resolution Computed Tomography: A Preliminary Study**

Mehrzaad Bahtouee; Jamshid Saberifard; Hamid Javadi; Iraj Nabipour; Hasan Malakizadeh; Gholamhossein Monavvarsadegh; Hoda Ilkhani Pak; Azadeh Sadeghi ; **Majid Assadi** s

Iran J Radiol. 2015 July; 12(3): e14619.

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**Prediction of Changes in Left Ventricular Ejection Fraction after Off-Pump Coronary Artery Bypass Grafting Surgery by Myocardial Perfusion Single-Photon Emission Computed Tomography**

Maryam Mirzaie; Asadollah Mirzaie; **Majid Assadi**; Rasoul Zakavi  
Journal of Cardio-Thoracic Medicine 09/2015.

**Adiponectin as a Protective Factor Against the Progression Toward Type 2 Diabetes Mellitus in Postmenopausal Women.**

Darabi H, Raeisi A, Kalantarhormozi MR, Ostovar A, Assadi M, Asadipooya K, Vahdat K, Dobaradaran S, Nabipour I.  
Medicine (Baltimore). 2015 Aug;94(33):e1347

**Hepatobiliary scintigraphy with SPET in the diagnosis of bronchobiliary fistula due to a hydatid cyst.**

Seyyedmajidi M, Kiani M, Javadi H, Raeisi A, **Assadi M**.  
Hell J Nucl Med. 2015 May-Aug;18(2):160-2

**Chlamydia pneumoniae and Helicobacter pylori IgG seropositivities are not predictors of osteoporosis-associated bone loss: a prospective cohort study.**

Kalantarhormozi MR, **Assadi M**, Vahdat K, Asadipooya K, Ostovar A, Raissi K, Darabi H, Farrokhi S, Dobaradaran S, Farrokhnia M, Nabipour I.  
J Bone Miner Metab. 2015 Jun 9

**The Effect of Electromagnetic Field Generated by a Mobile Phone on the Performance of a SPECT Scanner: A Quantitative Study.**

Pashazadeh AM, Dehkordi FJ, Tanha K, **Assadi M**.  
Clin Nucl Med. 2015 Jul;40(7):545-7.

**Unusual neurologic manifestations of a patient with cyanotic congenital heart disease after phlebotomy.**

Salimipour H, Mehdizadeh S, Nemati R, Pourbehi MR, Pourbehi GR, Assadi M.  
Case Rep Neurol Med. 2015;2015:924862.

**Quantum dot-based diabetic foot mapping for diagnosing osteomyelitis and Charcot neuroarthropathy.**

Yousefi F, Nabipour I, Kalantarhormozi M, Assadi T, Raeisi A, **Assadi M**.  
Med Hypotheses. 2015 Jul;85(1):7-9.

**<sup>99m</sup>Tc-ECD brain perfusion SPECT imaging for the assessment of brain perfusion in cerebral palsy (CP) patients with evaluation of the effect of hyperbaric oxygen therapy.**

Asl MT, Yousefi F, Nemati R, **Assadi M**.  
Int J Clin Exp Med. 2015 Jan 15;8(1):1101-7.

**Size Control in the Nanoprecipitation Process of Stable Iodine (127I) Using Microchannel Reactor-Optimization by Artificial Neural Networks.**

Aghajani MH, Pashazadeh AM, Mostafavi SH, Abbasi S, Hajibagheri-Fard MJ, **Assadi M**, Aghajani M.  
AAPS PharmSciTech. 2015 Feb 6.

**Do ejection fraction and other gated stress rest myocardial perfusion parameters differ by age and gender?**

Moslehi M, Alidadi S, Assadollahi E, **Assadi M**.  
Nucl Med Rev Cent East Eur. 2015;18(1):7-12.

**Relation between clinical features and gastric emptying time in diabetic patients.**

Javadi H, Bayani H, Mogharrabi M, Pashazadeh AM, Semnani S, Semnani S, Nabipour I, **Assadi M**.  
Nucl Med Rev Cent East Eur. 2015;18(1):3-6

**The effects of Ramadan fasting on the health and function of the eye.**

Javadi MA, **Assadi M**, Einollahi B, Rabei HM, Afarid M, **Assadi M**.  
J Res Med Sci. 2014 Aug;19(8):786-91

**Dusty Air Pollution is Associated with an Increased Risk of Allergic Diseases in Southwestern Part of Iran.**

Gheybi MK, Movahed AM, Dehdari R, Amiri S, Khazaei HA, Gooya M, Dehbashi F, Fatemi A, Sovid N, Hajiani G, Tahmasebi R, Dobaraderan S, **Assadi M**, Farrokhi S.  
Iran J Allergy Asthma Immunol. 2014 Dec;13(6):404-11.

**Pathological evaluation of differentiated thyroid cancer in patients with positive serum thyroglobulin and negative iodine scan.**

Ansari M, Babaei AA, Shafiei B, Javadi H, **Assadi M**, Nabipour I, Asli IN.  
Eur Rev Med Pharmacol Sci. 2014 Jul;18(13):1925-9.

**Optimization of paclitaxel-loaded poly (d,l-lactide-co-glycolide-N-p-maleimido benzoic hydrazide) nanoparticles size using artificial neural networks.**

Mostafavi SH, Aghajani M, Amani A, Darvishi B, Noori Koopaei M, Pashazadeh AM, Maghazei MS, Alvandifar F, Nabipour I, Karami F, **Assadi M**, Dinarvand R.  
Pharm Dev Technol. 2014 Jul 1:1-9.

**Hypertension risk and conventional risk factors in a prospective cohort study in Iran: the Persian Gulf Healthy Heart Study.**

Ostovar A, Vahdat K, Raiesi A, Purbehi M, Darabi H, Khajehian MM, **Assadi M**, Nabipour I.  
Int J Cardiol. 2014 Apr 1;172(3):620-1.

**The future of molecular imaging in paradigm shift from reactive to**

**proactive (P4) medicine: predictive, preventive, personalized and participatory**

**Majid Assadi**, Iraj Nabipour

Nucl Med Commun. 2014 Dec;35(12):1193-6.

**Hypertension risk and conventional risk factors in a prospective cohort study in Iran: the Persian Gulf Healthy Heart Study.**

Ostovar A, Vahdat K, Raiesi A, Purbehi M, Darabi H, Khajehian MM, **Assadi M**, Nabipour I.

Int J Cardiol. 2014 Apr 1;172(3):620-1.

**Technetium-99m-ubiquitin scintigraphy in the detection of infective endocarditis.**

Taghizadeh Asl M, Mandegar MH, **Assadi M**.

Hell J Nucl Med. 2014 Jan-Apr;17(1):47-8.

**Association of pathogen burden and hypertension: the Persian Gulf Healthy Heart Study.**

Vahdat K, Pourbehi MR, Ostovar A, Hadavand F, Bolkheir A, **Assadi M**, Farrokhnia M, Nabipour I.

Am J Hypertens. 2013 Sep;26(9):1140-7.

**Serum Homocysteine Levels Are Associated with Infectious Burden: the Persian Gulf Healthy Heart Study**

Katayoun Vahdat, Afshin Ostovar, Fahimeh Hadavand, Mohammad Reza Pourbehi, **Majid Assadi**, Mohammad Reza Kalantarhormozi, Kamyar Asadipooya, Mohammad Javad Haeri, Shokrollah Farrokhi, Sina Dobaradaran, Iraj Nabipour

Exp Clin Cardiol, Volume 20, Issue 5, 2014 - Page 3503

**99 mTc-MIBI washout as a complementary factor in the evaluation of idiopathic dilated cardiomyopathy (IDCM) using myocardial perfusion imaging.**

Shiroodi MK, Shafiei B, Baharfard N, Gheidari ME, Nazari B, Pirayesh E, Kiasat A, Hoseinzadeh S, Hashemi A, Akbarzadeh MA, Javadi H, Nabipour I, **Assadi M**.

Int J Cardiovasc Imaging. 2010 Dec 28.

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**Myocardial perfusion imaging using technetium-99m Sestamibi in asymptomatic and low risk of systemic lupus erythematosus patients for coronary artery disease**

Baharfard N, Shiroodi MK, Fotoohi F, Samangooi S, Neshandar Asli I, Eghtesadi-Araghi P, Javadi H, Semnani S, Amini A, **Assadi M**

Perfusion. 2010 Nov 15

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**Radiolabeled annexin V imaging is useful technique in determination of apoptosis in Multiple sclerosis**

**M.Assadi**, R.Nemati

Med Hypotheses. 2011 Jul;77(1):43-6.

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**Scintigraphic parameters with emphasis on perfusion appraisal in rest 99mTc-sestamibi SPECT in the recovery of myocardial function after thrombolytic therapy in patients**

**with ST elevation myocardial infarction (STEMI)**

Isa Neshandar Asli, Hamid Javadi , Sara Jallalat , Parvin Yavari, **Majid Assadi**  
Perfusion. 2011 May 18.

**Myocardial perfusion scintigraphy after cardiac arrest: on the pathophysiology of cardiac death.**

Javadi H, **Assadi M.**  
Clin Nucl Med. 2012 Sep;37(9):874-5.

**The utility and prognostic value of dipyridamole technetium-99m sestamibi myocardial perfusion imaging SPECT in predicting perioperative cardiac events following non-cardiac surgery.**

Asli IN, Shahoseini R, Azizmohammadi Z, Javadi H, **Assadi M.**  
Perfusion. 2013 Jul;28(4):333-9.

**The relation between Helicobacter pylori infection and cardiac syndrome X: A preliminary study.**

**Assadi M,** Saghari M, Ebrahimi A, Reza Pourbehi M, Eftekhari M, Nabipour I, Abbaszadeh M, Nazarahari M, Nasiri M, Assadi S.  
Int J Cardiol. 2009 May 29;134(3):e124-5. Epub 2008 May 22.

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**Reply to comments on "The relation between Helicobacter pylori infection and cardiac syndrome X: A preliminary study"**

**Assadi M,** Saghari M, Nabipour I, Pourbehi MR, Eftekhari M, Ebrahimi A, Abbaszadeh M, Nasiri M, Nazarahari M, Assadi S.  
Int J Cardiol. 2008 Dec 23.

**The role of myocardial perfusion imaging in the evaluation of patients undergoing percutaneous transluminal coronary angioplasty**

Fard-Esfahani A, **Assadi M,** Saghari M, Mohagheghie A, Fallahi B, Eftekhari M, Beiki D, Takavar A, Nabipour I, Ebrahimi A, Izadyar S, Ansari-Gilani K.  
Hellenic J Cardiol. 2009 Sep-Oct;50(5):396-401.

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**Comparison of technetium-99m IgG with technetium-99m red blood cells labeling in cardiac blood-pool scintigraphy: a preliminary study**

Hamid Javadi, Isa Neshandar Asli, Shahriar Semnani , Sara Jallalat , Mojtaba Ansari, **Majid Assadi**  
Hell J Nucl Med. 2011 Jan-Apr;14(1):30-3.

**The association of rate pressure product (RPP) and myocardial perfusion imaging (MPI) findings: a preliminary study**

Mojtaba Ansari, Hamid Javadi, Mohammadreza Pourbehi, Mehdi Mogharrabi, Maryam

Rayzan, Shahriar Semnani, Sara Jallalat, Abdullatif Amini, Maryam Barekat , Iraj Nabipour , **Majid Assadi**  
Perfusion. 2012 May;27(3):207-13

**The merit of absorbed dose to the blood in iodine-131 therapy for differentiated thyroid carcinoma: one size does not fit all**

Leila Fatholahi, Faraj Tabeie, Hamid Javadi, Ali Mahmoud Pashazadeh, **Majid Assadi** ,  
Isa Neshandar Asli  
Health Phys. 2015 Jan;108(1):53-8.

**Management of gastrointestinal complaints in differentiated thyroid cancer patients treated with 131I. Comparison of the efficacy of pantoprazole, metoclopramide, and ondansetron - a randomized clinical trial.**

Marjan Mirzababaei , Babak Shafiei, Shahram Seifollahi , Majid Motazdian, Leila Fatholahi, Sareh Delavari, Reza Naghshine , Nastaran Baharfar, Tabeie Faraj, Hamid Javadi, Isa Neshandar Asli ,**Majid Assadi**  
Nuklearmedizin. 2014 Jun 25;53(5).

**The role of cognitive group therapy and happiness training on cerebral blood flow using 99mTc-ECD brain perfusion SPECT. A quasi-experimental study of depressed patients.**

Azizi M, Bahrieniain SA, Baghdasarians A, Emamipur S, Azizmohammadi Z, Qutbi SM, Javadi H, **Assadi M**, Asli IN.  
Nuklearmedizin. 2014 Apr 30;53(4).

**Technical Considerations of Phosphorous-32 Bremsstrahlung SPECT Imaging after Radioembolization of Hepatic Tumors: A Clinical Assessment with a Review of Imaging Parameters.**

Pirayesh E, Amoui M, Akhlaghpour S, Tolooee S, Khorrami M, Poorbeigi H, Sheibani S, **Assadi M**.  
Radiol Res Pract. 2014;2014:407158.

**Diffuse Hepatic and Spleen Uptake of Tc-99m MDP on Bone Scintigraphy Resembling Liver-Spleen Scintigraphy in a Patient of Plasma Cell Tumor.**

Ravanbod MR, Nemati R, Javadi H, Nabipour I, **Assadi M**.  
Case Rep Radiol. 2014;2014:264904

**Technetium-99m methoxyisobutylisonitrile scintigraphy in the assessment of cold thyroid nodules: is it time to change the approach to the management of cold thyroid nodules?**

Riazi A, Kalantarhormozi M, Nabipour I, Eghbali SS, Farzaneh M, Javadi H, Ostovar A, Seyedabadi M, **Assadi M**.  
Nucl Med Commun. 2014 Jan;35(1):51-7

**Comments on Wale et al. : Combined (99m)Tc-methoxyisobutylisonitrile scintigraphy and fine-needle aspiration cytology offers an accurate and potentially cost-effective investigative strategy for the assessment of solitary or dominant thyroid nodules.**

Riazi A, Kalantarhormozi M, Nabipour I, Ostovar A, Javadi H, Assadi M.  
Eur J Nucl Med Mol Imaging. 2014 Mar;41(3):575-6.

**The electromagnetic interference of mobile phones on the function of a  $\gamma$ -camera.**

Javadi H, Azizmohammadi Z, Mahmoud Pashazadeh A, Neshandar Asli I, Moazzeni T, Baharfar N, Shafiei B, Nabipour I, Assadi M.  
Clin Nucl Med. 2014 Mar;39(3):232-6.

**Annual effective dose from environmental gamma radiation in Bushehr city.**

Mahmoud Pashazadeh A, Aghajani M, Nabipour I, Assadi M.  
J Environ Health Sci Eng. 2014 Jan 6;12(1):4

**Effect of mobile cell phone ringing on function of gamma camera**

Zahra Azizmohammadi , Nastaran Baharfard , Hamid Javadi , Babak Shafiei , Sareh Delavari, Majid Assadi , Isa Neshandar asli  
Clin Nucl Med. 2011 Dec;36(12):1131-2

**Bone mineral density is not related to angiographically diagnosed coronary artery disease.**

Iranpour D, Pourbehi M, Afroozandeh M, Davoodi N, Bidel-Khoshbakht S, Nabipour I, Javadi H, Seyedabadi M, Assadi M.  
Hell J Nucl Med. 2014 Jul 5.

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**Serum visfatin and vaspin levels in normoglycemic first-degree relatives of Iranian patients with type 2 diabetes mellitus.**

Akbarzadeh S, Nabipour I, Jafari SM, Movahed A, Motamed N, Assadi M, Hajian N.  
Diabetes Res Clin Pract. 2012 Jan;95(1):132-8.

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**Radiolabeled neurogenesis marker imaging: a revolution in the neurological diseases management?**

Nemati R, Mehdizadeh S, Nabipour I, Salimipour H, Iranpour D, Assadi M.  
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**Optimization of paclitaxel-loaded poly (d,l-lactide-co-glycolide-N-p-maleimido benzoic hydrazide) nanoparticles size using artificial neural networks**

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**The association between schoolchildren intelligence and refractive error**

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**Impact of Fasting on Intraocular Pressure, Visual Acuity and Refractory Errors**

**Majid Assadi**, Abbas Akrami, Fariba Beikzadeh, Mohammad Seyedabadi, Iraj Nabipour, Elham Seidali  
Singapore Med J. 2011 Apr;52(4):263-6.

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**Erdheim-Chester's Disease as a differential diagnosis of hot Kidneys on bone scintigraphy**

Hamid Javadi , Hadi Malek , Isa Neshandar Asli , Mehdi Mogharrabi , Sara Jalallat , **Majid Assadi**  
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**Late diagnosed polyostotic fibrous dysplasia. Bone scan, radiography and magnetic resonance imaging findings.**

Esmaili J, Chavoshi M, Noorani MH, Eftekhari M, **Assadi M.**  
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**Diagnostic Role of whole Body Bone Scintigraphy in Atypical Skeletal Tuberculosis Resembling Multiple Metastases: a case report**

**Majid Assadi**, Mohammad Eftekhari , Iraj Nabipour, Abdolali Ebrahimi, Seyed- Reza Abotorab, Homan Salimpour, Katayon Vahdat, Reza Ghasemikhah, Mohsen Saghari  
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**Thyroglossal duct cyst (TDC) papillary carcinoma with an unusual behavior; a case report**

Leila Aghaghazvini , Habib Mazaher , Hashem Sharifian , Shirin Aghaghazvini , **Majid Assadi**  
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**The Value of Myocardial Perfusion Imaging with Tc-99m MIBI for the Prediction of Perfusion Improvement after Percutaneous Transluminal Coronary Angioplasty**

Armaghan Fard-Esfahani, Babak Fallahi, Abbas Mohagheghi, **Majid Assadi**, Davood Beiki, Mohammad Eftekhari, Mohsen Saghari, Abbas Takavar  
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**The Value of Myocardial Perfusion Imaging with Tc-99m MIBI for the Prediction of Perfusion Improvement after Percutaneous Transluminal Coronary Angioplasty**

Armaghan Fard-Esfahani<sup>1</sup>, Babak Fallahi<sup>1</sup>, Abbas Mohagheghi<sup>2</sup>, **Majid Assadi<sup>1</sup>**,

Davood Beiki<sup>1</sup>, Mohammad Eftekhari<sup>1</sup>, Mohsen Saghari<sup>1</sup>, Abbas Takavar<sup>1</sup>

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***Subclinical Hyperthyroid***

M.Kalantarhormozi, I.Nabipour, **M.Assadi**, K.Asadipoya,Gh.Ranjbar Omrani  
ISMJ

**The role of 99mTc-Ubiquicidin (UBI) and 99mTc-IgG scintigraphies in diagnosis of acute appendicitis: A preliminary result**

Hamid Reza Alizadeh Otaghvar; Marjan Baniahmad; Ali Mahmoud Pashazadeh; Iraj Nabipour; Hamid Javadi; Leila Rezaei; **Majid Assadi**  
Iran J Nucl Med 2014;22(1):7-10

**Radiation exposure from diagnostic nuclear medicine examinations in Golestan province**

Hamid Javadi; Ali Mahmoud Pashazadeh; Mehdi Mogharrabi; Isa Neshandar Asli; Faraj Tabei; Ali Asghar Parach; **Majid Assadi**  
Iran J Nucl Med 2013;21(2):65-69

**Sternal nonunion on bone scintigraphy: a case report**

Hamid Javadi; Mehdi Moharrabi; Gholamreza Pourbehi; Ebrahim Shafiee; **Majid Assadi**  
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***Selected Papers Presented***

**More than 200 presentations in national and international (SNM, ESNMMI, WFNMMB, in USA, different European countries, south Africa, ...)**

**Such as**

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H. Javadi, M. Shariati, M. Mogharrabi, I. Neshandar Asli, A. Hooman, S.Jallalat, M. Assadi\*. The assessment of association of dipyridamole side effects with hemodynamic parameters, ECG and scintigraphy outcome. **Eur Con Nucl Med Mol Imaging 2010; Austria**

M. Assadi\*, H.Salimipour, M. Seyedabadi, H. Javadi, I. Nabipour, R. Nemati, J. Saberifrad  
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therapy for thyroid carcinoma. **10<sup>th</sup> congress of WFNMB Cape Town, South  
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H. Javadi, M. Shariati, M. Mogharrabi, I. Neshandar Asli, A. Hooman, S. Jallalat, M. Assadi\*.  
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## **BIRMINGHAM(UK).**

G. Raziei, A. Tavakoli, S. Seifollahi asl, M. Amoieci, H. Javadi, M. Assadi\* . One-year prognosis of patients with normal myocardial perfusion imaging using technetium-99m sestamibi in suspected coronary artery disease: A single- center experience of 1,047 patients. **Eur Con Nucl Med Mol Imaging 2011; BIRMINGHAM(UK).**

M. Assadi\*, H. Javadi, M. Pourbehi, M. Rayzan, M. Mogharrabi, A. Amin1, M. Barekat, S. Jalallat, M. Abbaszadeh; The association of Rate-Pressure Product and myocardial perfusion imaging findings. **Eur Con Nucl Med Mol Imaging 2011; BIRMINGHAM(UK).**

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B . Shafiei, S. Hoseinzadeh, F. Fotouhi, H. Malek, F. Azizi, A. Jahed, M. Salehian, H. Parsa, H. Javadi, M. Assadi\* . Preoperative <sup>99m</sup>Tc-Sestamibi Scintigraphy in Patients with Primary Hyperparathyroidism and concomitant nodular goiter: Comparison of SPECT-CT, SPECT and Planar Imaging. **Eur Con Nucl Med Mol Imaging 2012. Milan (ITALY)**

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K. Ghasemi, S. Montazeri, Pashazadeh .AM, H. Javadi, M .Assadi\*. Correlation of mTc-DMSA scan with radiological and laboratory examinations in childhood acute pyelonephritis: a time-series study. **Eur Con Nucl Med Mol Imaging 2013(France)**

M. Assadi\*, H. Javadi, Z. Azizmohammadi, Pashazadeh. AM, T. Moazzeni, N. Baharfar, B. Shafiei, S. Delavari, I. Nabipour, A. Babaei,Neshandar Asli.I . The electromagnetic interference of mobile phones on the function of a gamma camera. **Eur Con Nucl Med Mol Imaging 2013(France)**

M. Assadi\*, H.Salimipour,S.Kazerooni, M. Seyedabadi, I.Nabipour, R Nemati, D. Iranpour . Antiepileptic treatment including new drug regimens is associated with bone loss. **Eur Con Nucl Med Mol Imaging 2013.(France)**

H. Javadi, H. Bayani, M. Mogharrabi, Pashazadeh.AM, S. Semnani, M. Assadi\*.  
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T. Amiriani, H. Javadi, T. Raiatnavaz, S. Semnani, Pashazadeh .AM, M. Assadi\*  
Assessment of gastric accommodation in patients with functional dyspepsia using 99mTc-pertechnate SPECT imaging. **Eur Con Nucl Med Mol Imaging 2014(Sweden)**

Assadi.M\* , Nabipour.I. The evolving role of molecular imaging in transforming reactive to proactive (P4) medicine: Predictive, preventive, personalized and participatory. **Annual Meeting of Nuclear Medicine and molecular imaging 2014. St Louis (USA).**

Tabatabaei. S M, Tabeie.F, Javadi .H ,Assadi. M\*. Radioprotectory synergistic effects of Beta-D-Glucan and Vitamin E on 60Co gamma irradiated mouse. **Annual Meeting of Nuclear Medicine and molecular imaging 2014. St Louis (USA).**

Assadi .M\*, Fatholahi .L, Tabeie. F, Javadi. H, Neshandar Asli. I . The merit of absorbed dose to the blood in iodine-131 therapy for differentiated thyroid carcinoma: One size does not fit all. **Annual Meeting of Nuclear Medicine and molecular imaging 2014. St Louis (USA).**

M.Assadi\*, M.Bahtouee, H.Javadi . 99mTc-IgG-lung scintigraphy in the assessment of pulmonary involvement in interstitial lung disease (ILD) and its comparison with pulmonary function tests (PFTs) and high-resolution computed tomography (HRCT): A preliminary study. **Annual Meeting of Nuclear Medicine and molecular imaging 2014. St Louis (USA).**

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Assadi.M\* , Nabipour.I. .The evolving role of molecular imaging in transforming reactive to proactive (P4) medicine: Predictive, preventive, personalized and participatory. **Annual Meeting of Nuclear Medicine and molecular imaging 2014. St Louis (USA).**

Ansari. M, Javadi. H, Pashazadeh. AM, Mogharrabi. M, Assadi.M\*. Comparison of 180° and 360° arc data acquisition to measure scintigraphic parameters from gated SPECT myocardial perfusion imaging: Is there any difference? **Congress of WFNMB,2015.**

M. Moslehi, Pashazadeh.AM, M. Assadi\*. Radiation dose rate of I-131 in patients with differentiated thyroid carcinoma; effect of administered activity, admission number and TSH level on retention curve. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

M. Taghizadeh Asl, R. Nemati, M. Assadi\* . 99mTc-ECD brain perfusion SPECT imaging for assessment of the effect of hyperbaric oxygen therapy on secondary progressive multiple sclerosis patients with a moderate to severe stage of disease. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

A. Shirvani, M. Taghizadeh Asl, F. Hafezi, R. Nemati, M. Assadi\*. Comparison of diagnostic value of brain perfusion SPECT with CT scan, EEG and MRI modalities in pediatric seizure setting. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

A. Shirvani, M. Taghizadeh Asl, F. Hafezi, R. Nemati, M. Assadi\*. Detection of Regional Cerebral Blood Flow disturbance with the assistance of statistical parametric mapping (SPM): a 99mTc-ECD brain perfusion SPECT study in Alzheimer's and Multiple Sclerosis diseases. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

M. Taghizadeh Asl, R. Nemati, M. Assadi . Our institutional pictorial essay on brain perfusion SPECT in various neuro-psychiatric disorders and intoxication: Though practical , it is not very commonly used. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

A. Khorasanchi, M. Arabi, A. Akhavan, M. Eftekhari, H. Javadi, M. Seyedabadi, M. Assadi\*. Effect of dipyridamole injected for myocardial perfusion imaging on blood glucose concentration: a preliminary study. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

M. Taghizadeh Asl, F. Yousefi, R. Nemati, M. Assadi\*. Brain perfusion single photon emission computed tomography (SPECT) in patients with attention-deficit/hyperactivity disorder (ADHD) using 99mTc-ECD: a report of three cases and review of the literature. **Eur Con Nucl Med Mol Imaging 2015(Germany)**

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**And many other national and international congresses**

### ***Professional Memberships***

2006-Present: European Association of Nuclear Medicine (EANM )

2005-Present: Society of Nuclear Medicine (SNM), USA

2012-present: Society of Nuclear Cardiology ,USA

2008-Present: Hellenic Society of Nuclear Medicine  
2005- Present: International Society of Stroke, USA.  
2002- Present: Iranian Society of Nuclear Medicine;  
2002-Present: Medical Council, I.R. Iran;

### ***Major Career Objectives***

**A:** To take a “holistic systems approach” to diseases (the metabolic syndrome, by applying the principles of complexity and systems medicine in a multidisciplinary environment. I agree with the idea that “disease arises from disease-perturbed networks and the resulting altered molecular machinery encoded by the disease-perturbed networks leads to the pathophysiology of the disease”. Hence, I will try to integrate biological and molecular information obtained from disease –perturbed networks and pathways with clinical information in order to translate into efficient and reliable decision support systems for health care..

**B:** To integrate molecular imaging technology with metabolomics for interpretation of molecular and cellular processes in the metabolic syndrome and atherosclerosis.

**C:** To establish different high profile techniques available in the high ranked universities in our country and use in our health system.

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### ***Research Interests***

- Advanced imaging
  - Translational Medicine
  - Molecular medicine
  - Cardiology
  - Neurology
  - Quantitative nuclear medicine
  - Nanotechnology& Statistics
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