

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 two sons)

Address: School of Medicine, Bushehr
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<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

Year: From 1996 To 2003

Major: Medicine

Degree: MD

University: Bushehr University of Medical Sciences

Country: Iran

Year: From 2003 To 2006

Major: Nuclear Medicine

Position: Resident-Assistant

Chairman: Prof. Mohsen Saghari

University: Tehran University of Medical Sciences

Country: Iran

Year: July 01-August 30, 2011

Major: PET-CT

Position: Visiting Fellowship

Division chief : Prof. Sanjiv Sam Gambhir

University: Stanford University, Stanford, CA

Country: USA

Year: April 30,2014- August 1,2014

Major: Advanced imaging training

Position: Visiting Fellowship

Chairman of Department of Radiology: Dr. James A. Brink

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

Country: USA

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.

Year: Since 2012
Major: FAPSC
Position: Fellow (Hon.)
Body: Asian Pacific Society of Cardiology

Year: From 2020 To 2022
Major: Advanced Oncology
Degree: Ms
University: ULM University
Country: Germany

Academic Appointments

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

Scientific-Executive Records

Journal Editorial Board Member Activity

Medicine (USA) (IF=5.73)

Year:2014- present

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

Year: 2012-present

Quantitative Imaging in Medicine and Surgery (Hong Kong) (IF=3.074)

World Journal of Radiology.

Year :2018-present

World Journal of Gastroenterology (IF=2.10).

Year :2011-2014

Iranian Journal of Medical Council

Year 2018-present

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

Year :2009-present

Some Review Activity

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
Ir. J 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 Board of Directors of Correlative Imaging Concil (CIC)
Place: SNMMI (USA)
Year: 2020-present

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

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

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

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

Title: Founder of the Theranostic 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*

Title: *Member of Board Regency of Bushehr Elite Organization*
Body: *Vice-President*
Year: *2014-Present.*

Title: *Deputy of Research in Faculty of Medicine.*
Place: *Bushehr University of Medical Sciences, Bushehr. IRAN*
Year: *2006-2018*

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

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

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

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*

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

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

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

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

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

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

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

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

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

Award: The Best Student of Iran
Place: Tehran/Iran

Awarding Body: Ministry of Health & Medical Education
Year: 2005

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

Honor: The distinguished researcher of the year in Bushehr province
Place: Bushehr/Iran
Awarding Body: The Governor of Iran's Bushehr Province
Year: 2010

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

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

Major Prospective Research Studies

Established Protocol for Therapeutic Use of ^{177}Lu -DOTATATE in Patients with Inoperable, Somatostatin Receptor Positive, Neuroendocrine Tumors, Progressive Under Somatostatin Analogue Therapy
Status: Finish

Role: Principal Investigator.

Established Protocol for Therapeutic Use of ^{177}Lu -PSMA-617 radioligand therapy (RLT) in patients with metastatic castration-resistant disease
Status: Finish

Role: Principal Investigator.

Established Protocol for Therapeutic Use of ^{177}Lu -Herceptin radioligand therapy (RLT) in patients with metastatic breast cancer

Status: Ongoing

Role: Principal Investigator.

Established Protocol for Therapeutic Use of ^{177}Lu -Rituximab radioligand therapy

(RLT) in patients with refractory/relapse NHL
Status: Ongoing
Role: Principal Investigator.

Publications

A. Books

International

Author: M. Assadi, H.Ahmadzadehfar, HJ Biersack
Title: Principles of NUCLEAR MEDICINE: Self-Assessment & Board Review
PUBLISHER: SPRINGER , 2018

Author : Gholamrezanejad A, Assadi M, Jadvar H
Title: Radiology-Nuclear Medicine Diagnostic Imaging: A Correlative Approach.
John Wiley & Sons Ltd., The Atrium, Southern Gate, Chichester, West Sussex,
UK (In Preparation)

BOOK CHAPTERS

Author: M.Assadi
Book Chapter: PET,PET/CT and PET/MRI in GI, Liver and Pancreas Tumors
Textbook: Ahmadzadehfar H, Biersack HJ, Freeman LM, Zuckier L. Clinical Nuclear Medicine, 2nd edition, Springer Berlin Heidelberg New York;2019 (In press)

Author : M.Assadi, Gholamrezanejad A
Book Chapter: Radioimmunotherapy
Textbook: Rezaee N, Harsini S, Alavai A. Nuclear Medicine and Immunology. Springer 2020(Editorial processing)

Author: Gholamrezanejad A , M.Assadi
Book Chapter: Miscellaneous: SPECT and SPECT/CT for Brain and Inflammation Imaging and Radiation Planning
Textbook: Ahmadzadehfar H, Biersack HJ. Clinical Application of SPECT/CT , 2nd edition, Springer Berlin Heidelberg New York;2020 (In preparation)

Author: H.Ahmadzadehfar, M.Assadi
Book Chapter: Radionuclide Therapy in Brain Tumors
Textbook: R.P. Baum and V. Prasad. Beyond Becquerel and Biology to Radiomolecular Precision Oncology, Springer Berlin Heidelberg New York;2020 (In preparation)

National

Author: M. Assadi ,I.Nabipour
Title: The Health and Science Technology for Healthcare
Publisher: Bushehr University of Medical sciences
Site of Publication: Bushehr
Year of Publication: 2020(*Editorial process*)

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

Author: M. Assadi
Title: The Role of Nuclear Medicine and Molecular Imaging in Endocrinology
Publisher: Bushehr University of Medical sciences
Site of Publication: Tehran
Year of Publication: 2009

Author: M. Assadi
Title: The Role of Nuclear Medicine and Molecular Imaging in Cardiology and Pulmonology
Publisher: Bushehr University of Medical sciences
Site of Publication: Bushehr
Year of Publication: 2010

Author: I.Nabipour, M. Assadi
Title: Use of Stable Iodine in Radiation Emergencies
Publisher: Bushehr University of Medical sciences
Site of Publication: Bushehr
Year of Publication: 2011

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

B. Articles (>300) http://www.researchgate.net/profile/Majid_Assadi2/publications

Assadi M, Nemati R, Shooli H, Rekabpour SJ, Nabipour I, Jafari E, Gholamrezanezhad

A, Amini A, Ahmadzadehfar H. **An aggressive functioning pituitary adenoma treated with peptide receptor radionuclide therapy.** Eur J Nucl Med Mol Imaging. 2019 Nov 18.

Amini A, Yahyanezhad S, Velez E, Gholamrezanezhad A, Fotoohi M, Jafari E, **Assadi M. Prospective evaluation of phosphorus-32 radiation synovectomy in patients with severe and chronic rheumatoid arthritis unresponsive to conventional medical treatment.** Nucl Med Commun. 2020 Jan;41(1):65-72

Dadgar H, Emami F, Norouzbeigi N, Vafae MS, Jafari E, Gholamrezanezhad A, Assadi M, Ahmadzadehfar H **Application of [68Ga]PSMA PET/CT in Diagnosis and Management of Prostate Cancer Patients. Mol Imaging Biol. 2019 Nov 22.**

Behzadi-Khormouji H, Rostami H, Salehi S, Derakhshande-Rishehri T, Masoumi M, Salemi S, Keshavarz A, Gholamrezanezhad A, Assadi M, Batouli A . **Deep learning, reusable and problem-based architectures for detection of consolidation on chest X-ray images. Comput Methods Programs Biomed. 2019 Oct 31;185:105162.**

Assadi M, Pirayesh E, Rekabpour SJ, Zohrabi F, Jafari E, Nabipour I, Esmaili A, Amini A, Ahmadzadehfar H. **177Lu-PSMA and 177Lu-DOTATATE Therapy in a Patient With Metastatic Castration-Resistant Prostate Cancer and Neuroendocrine Differentiation. Clin Nucl Med. 2019 Oct 23.**

Shooli H, Dadgar H, Wang YJ, Vafae MS, Kashuk SR, Nemati R, Jafari E, Nabipour I, Gholamrezanezhad A, Assadi M, Larvie M. **An update on PET-based molecular imaging in neuro-oncology: challenges and implementation for a precision medicine approach in cancer care. Quant Imaging Med Surg. 2019 Sep;9(9):1597-1610.**

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

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

Mehrzad Bahtouee; Jamshid Saberifard; Hamid Javadi; Iraj Nabipour; Hasan Malakizadeh; Gholamhossein Monavvarsadegh; Hoda Ilkhani Pak; Azadeh Sadeghi ; **Majid Assadi** 5

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.

^{99m}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.

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

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.

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.

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.

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, Bahrienian SA, Baghdasarians A, Emamipour 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 (99mTc-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 γ -camera.

Javadi H, Azizmohammadi Z, Mahmoud Pashazadeh A, Neshandar Asli I, Moazzeni T, Baharfard 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, Afrozandeh M, Davoodi N, Bidel-Khoshbakht S, Nabipour I, Javadi H, Seyedabadi M, **Assadi M.**
Hell J Nucl Med. 2014 Jul 5.

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

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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

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Armaghan Fard-Esfahani¹, Babak Fallahi¹, Abbas Mohagheghi², **Majid Assadi**¹,

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Radiation exposure from diagnostic nuclear medicine examinations in Golestan province

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Hamid Javadi; Mehdi Moharrabi; Gholamreza Pourbehi; Ebrahim Shafiee; **Majid 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).**

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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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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 infused 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 ^{99m}Tc-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.

Research Interests

- Advanced imaging
- Translational Medicine
- Molecular medicine
- Cardiology

- Neurology
 - Quantitative nuclear medicine
 - Nanotechnology& Statistics
-

Travels(for scientific visits or as a tourist)

- *The United States of America (USA)
- *The United Kingdom
- *Germany
- *France
- * The Netherlands
- *Portugal
- *Spain
- *Czech Republic
- *Belgium
- *Monaco
- *Italy
- *Austria
- *Slovakia
- *Vatican
- *South Africa
- *UAE
- *Turkey