



## Curriculum Vitae

Tabriz University of Medical Sciences (TUOMS)  
School of Medicine

### Personal Data:

**First name:** Esmail

**Last name:** Gharepapagh

**Nationality:** Iran

**Date of birth:** 1965

**Place of birth:** Naghadeh

**Marital status:** Married

**Specialty:** Nuclear Medicine, Fellowship of PET/CT from Zurich University

**Academic rank:** Associate professor

**Department/Research Center:** Nuclear Medicine

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h-index (Scopus):

**ORCID ID:** 0000-0002-3864-6304

**Scopus ID:** 57015373500

**ResearcherID:** F-5634-2018

**Fields of interest**

Nuclear Medicine, PET/CT, Scintimammography, Lymphoscintigraphy
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**Skills: (language, software...)**

English, office
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**Educational Background:**

Date	Degree	Institution	Country
1990	General physician	Tabriz university of Medical Sciences	IRAN
1994	Nuclear Medicine Specialist	Tehran university of Medical Sciences	IRAN
2001	Fellowship course of PET/CT	Zurich University Hospital	Swiss

**Sabbaticals:**

Start and End Date (month/year)	Details

**Thesis**

Degree	Title
General physician	Surgical procedures for poliomyelitis
Nuclear Medicine Specialist	Radioiodine therapy for follicular thyroid cancer

## Educational experience

### Teaching

Date (month/year)	Course Name, Venue (Institution, Address)
December/2001	Fellowship course of PET/CT(Swiss, Zurich university hospital)
July/2019	Supplementary course of PET/CT(Tehran, nuclear medicine center of Shariati hospital)

### Workshop(s)

Date (month/year)	Course Name, Venue (Institution, Address)
August/2019	Nuclear Medicine application(SPECT&PET)in the diagnosis of neurological conditions ( Japan,IAEA,National center of neurology and psychiatry,Tokyo)

### Lecture(s)

Date (month/year)	Details
1395/08/17	بیوپسی لئفنونو سنتینال با استفاده از رادیونوکلوتید
1395/12/05	مطالعه تصویری در ارولوژی و طب هسته ای
1397/12/09	تومورهای استخوانی و عضلانی
1392/12/02	تصویربرداری در کانسر پستان
1394/07/14	دستاوردهای جدید نورولوژی، روانپزشکی و رادیولوژی
1393/08/21	کنگره سالیانه پزشکی هسته ای
1395/08/05	کنگره سالیانه پزشکی هسته ای ایران
1398/09/06	سالیانه پزشکی هسته ای ایران
1391/12/10	کنفرانس یک روزه سرطان پستان متاستاتیک

**Research Activities:**  
**Research areas, Interests**

Nuclear Medicine and PET/CT centers of Imam Reza Hospital  
 Medical Radiation Sciences Research Team

**Books:**

N	Title	authors	Publisher	Authorship/ Translation/ ....
	اشنایی با میانی و مفاهیم پزشکی هسته ای	دکتر اسماعیل قره پاپاق آیسان نامدار	دانشگاه علوم پزشکی تبریز	Authorship

**Selected articles:**

N	Title	authors	Journal	Year	Indexed in (Scopus, Medline, WOS, ....)
1	Scintigraphic Hyperactivity Report in Elbow Joint Area of a Rat	1Assadnassab Gholamreza, 2Dabiri Oskoi Shahram, 2Gharepapaghe Esmail	Advances in Environmental Biology	2011	

2	بررسی ندول های سرد تیروئید با ۹۹mTc-MIBI رادیوداروی و تیروگلوبولین جهت تشخیص بدخیمی و خوش خیمی	دکتر اسماعیل قره پاپاق*، دکتر شهرام دبیری اسکویی، دکتر اکرم فولادی سرابی	مجله پزشکی هسته ای ایران	۱۳۸۵	
3	بررسی نتایج درمان با ید رادیواکتیو روی بیماران مبتلا به کاسر فولیکولر تیروئید	دکتر محسن ساغری ، دکتر اسماعیل قره پاپاق	مجله پزشکی هسته ای ایران	۱۳۷۰	
4	Correlation of cancer antigen 15-3 (CA15-3) serum level and bony metastases in breast cancer patients	Ashraf Fakhari1,2, Esmail Gharepapagh*1,2, Shahram Dabiri1,2, Neda Gilani3	Medical Journal of the Islamic Republic of Iran (MJIRI)	2019	
5	Collimator and energy window optimization for 90Y bremsstrahlung SPECT imaging: A SIMIND Monte Carlo study	Hoda Rezaei Roshan a, Babak Mahmoudian b, Esmail Gharepapagh b, Ahmadreza Azarm a, Jalil Pirayesh Islamian a	Applied Radiation and Isotopes	2016	
6	مطالعه یکصد مورد اسکن رایدوایزوتوپ استخوان با 99m-MDP TC; نظر متاستاز استخوانی	دکتر اسماعیل قره پاپاق	مجله پزشکی دانشگاه علوم پزشکی تبریز	۱۳۸۴	
7	بررسی کلینیکال آمبولی ریوی توسط رادیوداروهای اسکن پرفیوژن و تهویه ریه	دکتر اسماعیل قره پاپاق، آرمان سالاری فر	مجله پزشکی دانشگاه علوم پزشکی تبریز	۱۳۹۰	
8	Brown adipose tissue: a factor to consider in symmetrical tracer uptake in the neck and upper chest region	Thomas F. Hany1, Esmail Gharehpapagh1, Ehab M. Kamel1, Alfred Buck1, Jean Himms-Hagen2, Gustav K. von	European Journal of Nuclear Medicine	2002	

		Schulthess1			
9	Reversibility of glomerular filtration rate after surgery for unilateral obstructive Uropathy	Kamaledin hassanzadeh,parisa yavari-kia,Esmail Gharepapagh,...	JARCM	2015	
10	The Role of Pyloromyotomy on Gastric Drainage in Esophagectomy and Gastric Pull-up Procedures: A Randomized Clinical Trial Study	Mohsen Sokouti1, Sina Zarrintan2, Ziaeddin Rasihashemi*1, Babak AbriAghdam1, Esmail Qara-Papaque3, Hananeh Orangpour4	Journal of Cardio-Thoracic Medicine	2015	
11	Advances in Pinhole and Multi-Pinhole Collimators for Single Photon Emission Computed Tomography Imaging	Jalil Pirayesh Islamian, AhmadReza Azazrm, Babak Mahmoudian1, Esmail Gharapapagh1	World Journal of Nuclear Medicine	2015	
12	The Effect of Parallel-hole Collimator Material on Image and Functional Parameters in SPECT Imaging: A SIMIND Monte Carlo Study	Ahmadreza Azarm, Jalil Pirayesh Islamian, Babak Mahmoudian1, Esmail Gharepapagh1	World Journal of Nuclear Medicine	2015	
13	Determination of effect of aspirin and captopril on cat glomerular filtration rate using renovascular hypertension scintigraphy	Esmail Gharepapagh , Gholamreza Assadnassab and Solmaz Rahmani Barouji	Tropical Journal of Pharmaceutical Research	2016	

14	میزان تطابق یافته های ام آر آی، سی تی و اسکن تمام بدن استخوان در ضایعات استخوانی سیستم اسکلتال در بیماران با سرطان شناخته شده متاستاتیک	قره پاپاق اسماعیل، حسینی سیدجمال الدین،*حسین پورفیضی حمیده، فدایی فولادی دانیال	مجله پزشکی دانشگاه علوم پزشکی تبریز	۱۳۹۵	
15	Theranostics in targeting fibroblast activation protein bearing cells: Progress and challenges	Sahar Rezaei, Esmail Gharepapagh, Shahram Dabiri, Pedram Heidari, Ayuob Aghanejad	Life science	2023	
16	Preparation, biodistribution and dosimetry study of Tc-99m labeled N-doped graphene quantum dot nanoparticles as a multimodular radiolabeling agent	Esmail Gharepapagh, Ashraf Fakhari, Tahereh Firuzyar, Ashkan Shomali and Farzaneh Azimi	New Journal of Chemistry	2021	
17	Therapeutic potentials of resveratrol in combination with radiotherapy and chemotherapy during glioblastoma treatment: a mechanistic review	AmirAhmad Arabzadeh, Tohid Mortezaazadeh, Tayebah Aryafar, Esmail Gharepapagh, Mehrsa Majdaeen & Bagher Farhood	Cancer Cell International	2021	
18	The Association of Kidney's GFR and Serum Creatinine Levels with Renal Scarring through <sup>99m</sup> Tc-Glucoheptonate Radiopharmaceutical Scan in Patients with Urinary Tract Infection	Ashraf Fakhari, Esmail Gharepapagh, Neda Gilani, Nardin Mirfakhareh, Farzad Farajbakhsh Mamaghani, Shahram Dabiri Oskuei	Pharmaceutical Sciences	2022	
19	A systematic review of the therapeutic effects of resveratrol in combination with 5-fluorouracil during colorectal cancer treatment: with a special focus on the oxidant, apoptotic, and anti-inflammatory activities	Hossein Moutabian, Mehrsa Majdaeen, Ruhollah Ghahramani-Asl, Masoumeh Yadollahi, Esmail Gharepapagh, Gholamreza Ataei, Zahra Falahatpour, Hamed Bagheri, Bagher Farhood	cancer cell international	2022	
20	Impact of Various Image Reconstruction Methods on Joint Compensation of Respiratory Motion and Partial Volume	P. Ghafarian S. Rezaei (PhD), E. Gharepapagh, S. Sarkar, MR. Ay	Iran South Med J	2022	

	Effects in Whole-Body 18F-FDG PET/CT Imaging: Patients with Non-Small Cell Lung Cancer				
21	Evaluation of Radioiodine Therapy in the Refractory Hyperthyroidism.	Rahimlou S, Rezaei S, Milanchian N, Gharepapagh E.	Iran South Med J	2023	
22	Evaluation of D-dimer Test Correlation with Lung Perfusion-Ventilation Scan in Patients Suspected Pulmonary Embolism.	Nasirian M, Gharepapagh E, Fakhari A, Ghaffari Babil M R, Gilani N.	Iran South Med J	2023	
23	Use of 99m Tc-DTPA Scintigraphy in Evaluation of Ureteral Laceration Due to Transurethral Lithotripsy in a Patient with Nephrolithiasis	Esmail Gharepapagh, Ashraf Fakhari, Afshar Zomorodi, Shahram Dabiri Oskuei	World J Nucl Med	2023	

#### Research projects:

N	Title	Details
1	Evaluation of correlation of D-dimer test and lung perfusion-ventilation scan in patients suspected to pulmonary embolism referred to nuclear medicine center	
2	Scintigraphic evaluation of reported suspicious masses (BIRADS 3,4,5) in mamography by 99mTc-MIBI and comparison with biopsy results.	
3	Evaluating the association of acute pulmonary embolism CT index with probability of chronic pulmonary embolism through lung scintigraphy (V/Q Scan)	
4	Scintigraphic study of rabbit kidneys after induced complete obstruction in renal artery	
5	Evaluating vesicoureteral reflux incidence in referred patients to N.M center	
6	Evaluation of 99mTc-GHA and 99mTc-DMSA scan's findings in diagnosis of renal cortical scars in suffering UTI patients.	

#### Positions held: (past- current)

Start and End Date	Job Title, <u>Responsibilities and achievements</u>
۱۳۸۶	معاون آموزشی بخش طب هسته ای
۱۳۹۶- ۱۴۰۰	عضو تیم تحقیقاتی علوم پرتو پزشکی



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**Association Memberships (past and current)**

Start and End Date	Job Title, <u>Responsibilities and achievements</u>
1994	Membership of Iranian Association of Nuclear Medicine
1993	Membership of American Association of Nuclear Medicine

**Awards and Recognitions**

Start and End Date	Details