

Nader Sadigh

Assistant professor of emergency medicine

Emails: sadigh.n@iums.ac.ir; n.sadigh@yahoo.com

Address: Department of emergency medicine, Iran university of Medical Science, Tehran, Iran

Tel: +98-212-235-8946, +98-918-361-0374

Fax: +98-218-8089479

Webpages:

<https://cv.iums.ac.ir/cv/2093/Dr%20Nader%20Sadigh>

https://isid.research.ac.ir/Nader_Sadigh

<http://orcid.org/0000-0002-5252-2818>

<http://www.scopus.com/authid/detail.url?authorId=14219811100>

<https://scholar.google.com/citations?user=FMxdf7YAAAAJ&hl=en>

Research Interest

- Medical education research: Medical education for health care professionals, undergraduate education, postgraduate training and continuing professional development.
- Pediatric/geriatric medicine (extremes of age): Due to my exposure to a wide range of patients in different ages and physiologic and pathologic conditions I try to find solutions for patients' problems by synthesis of new ideas.
- Health economics, Health care entrepreneurship: Working on several projects to reduce cost of healthcare system and improve patient experiences specially by using methods of telemedicine and artificial intelligence.
- Clinical trials and experimental researches in field of advanced wound care therapies, natural and herbal medicine, Alzheimer disease, COVID-19 infection.

Education

2015-2018	Emergency medicine specialist Tehran University of Medical Sciences
Thesis Topic	• Determination of attitude of emergency medicine residents toward end-of-life care in end stage patients in emergency department.
Details	• This study consists of 2 parts. In part one we designed a short training palliative care training course by an expert panel. In second part we assessed the baseline attitude of residents and the change followed by training intervention toward end-of-life care in patients with end stage disease. The designed educational intervention significantly improved emergency medicine residents' attitude toward end-of-life care in patients with end stage disease.
Outcome	• We proposed our new learning method as a to Council for Graduate Medical Education of Iran to include in residency curriculum (article under publish) as a innovations to better train physicians to meet the needs of patients today and in the future.
Supervisors	• Dr Farzaneh Shirani
GPA	• Written board exam 115/150, Oral board exam 127.5/150

1999-2006	Doctorate in Medicine Iran University of Medical Sciences
Thesis Topic	• Determination of birth indices of healthy neonates born in governmental hospitals of Tehran in 2001-2003
Details	• Using a multistage sampling method, a large representative sample of neonates born in 2001-2003 in Tehran entered the study and their birth indices defined and compared to other countries indices.
Outcome	• We redefined normal birth indices (new born anthropometric data) for Iranian neonates in that time period and our data was used and referred by several national/international organizations and clinicians. These data provided useful references for the care of new-born in our population and ultimately lead to identifying at risk new-borns and help in better management.
Supervisors	• Dr Azar Nickavar
GPA	• 16/20

Academic Experience

2018- Now	<u>Assistant Professor</u> , Department of emergency medicine, Iran university of Medical Science. Also, Senior Clinical lecturer of paediatric emergency medicine in <i>Ali Asghar children hospital</i> and <i>Shohaday-e-Haftom-e-Tir Hospital</i> Responsibilities: Education (medical student/resident): classroom/clinical/simulated environment teaching, e-learning, academic advising/counselling, curriculum development/planning, academic leadership, ethics and professionalism; Medical research.
2018- Now	<u>Simulation Educator</u> , Teacher (instructor) in PALS (paediatric advanced life support) workshops in Ali Asghar children hospital for hospital staff and IUMS health deputy. Responsibilities: Develop, coordinate, implement and evaluate simulation-based education and events, learning objectives, case scenarios, program planning, evaluation tools utilizing the clinical simulation program.
2020- Now	<u>Faculty Development program developer/lecturer of IUMS</u> Instructor/developer of “faculty training and development programs” for IUMS medical college and Shohaday-e-Haftom-e-Tir Hospital EDOS. Responsibilities: Develop and design and coordinate training workshops for faculty and instructors
2019- Now	<u>Faculty member of Trauma and Injury Research Centre, IUMS.</u> Responsibilities: Scholar activity primarily through collaborative research, research training, research dissemination, or creative endeavours, including definition of new projects, research activities and publications, evaluation, consulting and approval of centre’s research proposal.
2021- Now	<u>Guest member of IUMS paediatric departmental research council</u> Responsibility: Evaluation, consulting and approval of submitted undergraduate /postgraduate research proposal
2022- Now	<u>Chief of economics of healthcare committee of Ali Asghar children hospital</u> Responsibilities: Assist hospital managers in determining the current economic issues and developing goals for ensuring optimizing and managing hospital costs.
2022- Now	<u>Clinical mentor for medical students, IUMS medical college</u>

Awards and Honors

- 2016 Winner of Resident Research Scholar Award Shariati Hospital.
- 2018 Top 10% score in Emergency Medicine national board exam.
- 2020 Young investigator prize of 10th APOCP general assembly scientific conference.
- 2022 Top instructor of “Faculty training and development programs” for IUMS medical college in 2021-2022.

Research Projects (National & International)

1. Ongoing projects:

- 1.1. **Subject:** Clinical trial of usage of nebulized Ketamine in acute pain management in pediatrics. (Ongoing project)
Sponsor: Iran university of medical sciences.
- 1.2. **Subject:** Clinical trial of effect of omega-3 on disease outcome and hospital length of stay in COVID-19 infected patients. (Ongoing project)
Sponsor: Arak university of medical sciences.
- 1.3. **Subject:** Determination of mean thoracic wall thickness in 2nd ICSMCL and 4th ICSAAL in 0- to 13-year-old pediatrics in Iran. (Ongoing project)
Sponsor: Trauma an injury research center, Iran university of medical sciences.
- 1.4. **Subject:** Design and implementation of a curriculum to teach practical skills for performing and compiling medical dissertation based on Malcolm Skilbeck model using multimedia Electronic-learning. (Ongoing project)
Sponsor: Iran university of medical sciences.

2. Finished projects (prominent ones):

- 2.1. **Subject:** The study of cost effectiveness of rotavirus vaccination in Iran.
Sponsor: Grant of CDC (Communicable Disease Control Dept., Ministry of Health, Iran)
Year: 2016
Achievements: we proved the economic benefit of national immunization program against rotavirus (causes severe diarrhea in children) and currently, rotavirus vaccination is included in national vaccination program of Iran.
- 2.2. **Subject:** To designed a short training course (workshop) for registrars to change future specialist attitude toward end-of-life care in emergency department and empower emergency medicine physicians to practice palliative care.
Sponsor: Tehran university of medical sciences.
Year: 2017
Achievements: Adding this short training course would change emergency physician attitude toward patients with end stage disease visited in emergency department and recommended to Council for Graduate Medical Education of Iran to include in residency curriculum (article under publish).
- 2.3. **Subject:** Human papillomavirus detected in esophageal squamous cell carcinoma in Iran.
Sponsor: Tehran university of medical sciences.
Year: 2011
Achievement: Results of this study was one of the first evidences for association of HPV(human papilloma virus) with esophageal cancer.

2.4. **Subject:** Redefined national growth charts and age of puberty (Maturational timing) for Iranian children and adolescents.

Sponsor: Iran university of medical sciences.

Year: 2006

Achievement: In series of two studies in 2006 we and a team of European epidemiologists redefined pediatric growth charts and age of puberty for Iranian children. These new findings play an essential role in child growth and health monitoring. As a result, through establishing national growth references, growth assessment in Iranian children were improved and redefining age of puberty led to adolescent health promotion.

International Collaborations

Subject: "Age of puberty in Iranian girls living in Tehran."/ "Cross-sectional reference values for height, weight and body mass index of schoolchildren living in Tehran, Iran."

- Collaboration with Prof. dr. Stef van Buuren (statistical consultant at the Netherlands organization for applied scientific research TNO in Leiden) he is the global leader for analysis of growth data.
- Achievements: In two separate studies in a 2006 we redefined national growth charts and age of puberty (Maturational timing) for Iranian children and adolescents. These new findings play an essential role in child growth and health monitoring. As a result, through establishing national growth references, growth assessment in Iranian children were improved and redefining age of puberty led to adolescent health promotion.
- Details: These two national studies were designed while me and my colleagues were medical students and we used the most sophisticated sampling methods and analysis during those years which made the study a nationally/internationally unique.

Subject: Human papillomavirus detected in esophageal squamous cell carcinoma in Iran.

- Collaboration with Suminori Akiba, Takuya Kato, Noreen Kahn from Department of Epidemiology and Preventive Medicine, Kagoshima University, Japan; Mohiedean Ghofrani from Southwest Washington Medical Center, Vancouver, WA, USA.
- Achievement: Results of this study was one of the first evidences for association of HPV (human papilloma virus) with esophageal cancer.

Subject: The cost effectiveness of rotavirus vaccination in Iran.

- Collaboration of many Iranian universities and Simon Fraser University, BC, Canada.
- Achievement: This study demonstrated the cost-effectiveness of introducing Rotavirus vaccine in national expanded immunization program and currently, rotavirus vaccination is included in national vaccination program of Iran.

Research and Publications

- **Books**

- 2020 "Diagnosis and management of patients in paediatric emergency department.", Royan-Pajouh publication (Persian)
- 2007 "Sampling and sample size calculation in medical research.", Sara publication, 2001(1st ed.); Pezhvak Elm Aria publication, (2nd ed.). (Persian)
- 2006 "Schwartz's principles of surgery.", (Translation to Farsi) Eshraqieh publication (2006)

Journal Papers (My google scholar H-index=11, 455 citations)

International journals

1. Fatemeh Moradi, Aoub Rustamzadeh, [Nader Sadigh](#), Ronak Shabani, Reza Ahadi, Zahra Vahabi. "Neurochemical ameliorating of the hippocampus in dyslipidemic Alzheimer patients following Silymarin; a double-blind placebo-controlled randomized clinical trial" in Medical Journal of The Islamic Republic of Iran (MJIRI) [IF=0.33, SJR Q3](#). Under publish.
2. Nickavar A, Valavi E, [Sadigh N](#). Urine Neutrophil Gelatinase Associated Lipocalin as a Predictor of Vesicoureteral Reflux and Renal Parenchymal Damage: A Systematic Review. Journal of Pediatrics Review. 2023 Apr 10;11(2):117-24.
3. [Sadigh N](#), Seyedhosseini J, Tahmasebi M, Shirani F. "Attitude Toward End-of-life Care in Emergency Medicine Residents- Can a Short Workshop Make a Difference?" *PLOS ONE*, 18.1, (2023): e0280229 [IF=3.24, SJR Q1](#).
4. Shah-Abadi ME, Ariaei A, Moradi F, Rustamzadeh A, Tanha RR, [Sadigh N](#), Marzban M, Heydari M, Ferdousie VT. In Silico Interactions of Natural and Synthetic Compounds with Key Proteins Involved in Alzheimer's Disease: Prospects for Designing New Therapeutics Compound. Neurotoxicity Research. 2023 Apr 22:1-23. [IF=3.97, SJR Q2](#).
5. Alizadeh-Otaghvar HR, Moradi F, Sadigh N, Raoofi A, Darabi S, Rustamzadeh A, Ghadimi T, Rezaie MJ, Seidkhani E, Ahadi R, Shabani R. Silk fibroin and Nettle extract promote wound healing in a rat model: A histological and morphometrical study. *Acta histochemica*. 2022 Aug 1;124(6):151930. [IF=2.14 SJRQ3](#)
6. Sadeghi, Ezzatollah, Azin Behnood-Rod, Hossein Aerab-Sheibani, Elham Shobeiri, Pirouz Pourzargar, Ehsan Ormoz, [Nader Sadigh](#), and Yashar Moharamzad. "Controlled blood pressure in Iranian patients: a multi-center report." *Global journal of health science* 8, no. 4 (2016): 188. [SJR Q3](#)
7. Mousavi Jarrahi, Yasaman, Seyed Mohsen Zahraei, [Nader Sadigh](#), Keyhan Esmaelpoor Langeroudy, Mahmoud Khodadost, Mehdi Ranjbaran, Ali Sanjari Moghaddam, Mehdi Besharat, and Alireza Mosavi Jarrahi. "The cost effectiveness of rotavirus vaccination in Iran." *Human vaccines & immunotherapeutics* 12, no. 3 (2016): 794-800. [IF=3.45 CiteScore SJR Q1](#)
8. Abdirad, Afshin, Neda Eram, Ashkan Heshmatzade Behzadi, Chihaya Koriyama, Nima Parvaneh, Suminori Akiba, Takuya Kato, Noureen Kahn, Mohiedean Ghofrani, and [Nader Sadigh](#). "Human papillomavirus detected in esophageal squamous cell carcinoma in Iran." *European Journal of Internal Medicine* 23, no. 2 (2012): e59-e62. [IF= 4.624 ranking it 37 out of 169 in Medicine, General & Internal SJR Q2](#).
9. Behzad, Pousti Seyed, Touisserkani Sam, Jalessi Maryam, Kamrava Seyed Kamran, [Sadigh Nader](#), Heshmatzade Behzadi Ashkan, and Arvin Arash. "Does cosmetic rhinoplasty affect nose function?" *ISRN otolaryngology* 2011 (2011).
10. Otukesh, Hassan, Salman Otukesh, Mona Mojtahedzadeh, Rozita Hoseini, Seyed-Mohammad Fereshtehnejad, A. Riahi Fard, [Nader Sadigh](#), A. Heshmatzade Behzadi, Ramila Javadi, and Nakissa Hooman. "Management and outcome of steroid-resistant nephrotic syndrome in children." *Iranian Journal of Kidney Diseases* 3, no. 4 (2009): 210-217. [SJR Q3](#)

11. Ansarin, Habib, Sayied Savabynasab, Ashkan Heshmatzadeh Behzadi, [Nader Sadigh](#), and Jaleh Hasanloo. "Doxycycline plus levamisole: combination treatment for severe nodulocystic acne." *Journal of drugs in dermatology: JDD* 7, no. 8 (2008): 737-740. [IF=2.11 SJR Q2](#)
12. Asad Beigi S, Dizani SK, [Sadigh N](#). Assessments of relation between Iranian holiday and myocardial infarction's complications who referred to Rasool Akram Hospital in 2001–2007. (2008), Poster Presentations. *Journal of Thrombosis and Haemostasis*, 6: 33–50. [IF=5.82. 2020 Journal Citation Reports \(Clarivate Analytics\): 17/76 \(Hematology\)9/65 \(Peripheral Vascular Disease\) SJR Q1.](#)
13. Noudeh, Younes Jahangiri, [Nader Sadigh](#), Amir Yousef Ahmadnia. "Epidemiologic features, seasonal variations and false positive rate of acute appendicitis in Shahr-e-Rey, Tehran." *International journal of surgery* 5, no. 2 (2007): 95-98. [IF= 6.071, ranking it 15 out of 212 in Surgery SJR Q1.](#)
14. Hasan Otukesh, Abbas Basiri, Naser Simfrosh, Rozita Hoseini, Mostapha Sharifian, [Nader Sadigh](#), Pedram Golnari, Mehdi Rezai, and Mohamad Fereshtenejad. "Outcome of pediatric renal transplantation in Labfi Nejad Hospital, Tehran, Iran." *Pediatric Nephrology* 21, no. 10 (2006): 1459-1463. [IF=3.71, SJR Q1.](#)
15. Razzaghy Azar, Maryam, Ali Moghimi, Mehdi Montazer, Homa Mohammad Sadeghi, Pedram Golnari, [Nader Sadigh](#), Soroor Ossivand, Seyed-Mohammad Fereshtehnejad, Leila Zahedi Shoolami, and Neda Ebrahim Pour. "Cross-sectional reference values for height, weight and body mass index of schoolchildren living in Tehran, Iran." *Annals of Human Biology* 33, no. 4 (2006): 471-479. [IF= 1.533, SJR Q3.](#)
16. Razzaghy-Azar, Maryam, Ali Moghimi, [Nader Sadigh](#), Mehdi Montazer, Pedram Golnari, Leila Zahedi-Shoolami, Stef Van Buuren, Homa Mohammad-Sadeghi, Azadeh Zangeneh-Kazemi, and Seyed-Mohammad Fereshtehnejad. "Age of puberty in Iranian girls living in Tehran." *Annals of human biology* 33, no. 5-6 (2006): 628-633. [IF= 1.533, SJR Q3.](#)
17. Otukesh, H., M. Sharifian, A. Basiri, N. Simfroosh, R. Hoseini, [N. Sadigh](#), P. Golnari, M. Rezai, and M. Fereshtenejad. "Mycophenolate mofetil in pediatric renal transplantation." In *Transplantation proceedings*, vol. 37, no. 7, pp. 3012-3015. Elsevier, 2005. [IF=1.06, SJR Q3.](#)
18. Otukesh, H., M. Sharifian, N. Simfroosh, A. Basiri, R. Hoseini, [N. Sadigh](#), P. Golnari, M. Rezai, and M. Fereshtenejad. "Outcome of renal transplantation in children with low urinary tract abnormality." In *Transplantation proceedings*, vol. 37, no. 7, pp. 3071-3074. Elsevier, 2005. [IF=1.06, SJR Q3.](#)
19. Noudeh, Younes Jahangiri, [Nader Sadigh](#), "Comparison between taste temperaments of patients with migraine without aurea type headaches with normal healthy people: A pilot case-control study." *Cephalalgia supp* Oct 2005, Abstract book of IHC 2005. [IF=6.295, SJR Q1.](#)

National journals

1. Nickavar, Azar, Ehsan Valavi, and Nader Sadigh. "Urine Neutrophil Gelatinase Associated Lipocalin as a Predictor of Vesicoureteral Reflux and Renal Parenchymal Damage: A Systematic Review." *Journal of Pediatrics Review*: under publish 2023
2. Zare, Hossein, Shahram Jamshidi, Abbas Piryaei, Mohammad Mahdi Dehghan, Farhang Sasani, Sedigheh Molaie, Fatemeh Nasiri, and [Nader Sadigh](#) . "ایجاد نارسایی حاد کبدی تجربی ناشی از تتراکلریدکربن در [Nader Sadigh](#) مجله دانشگاه علوم پزشکی قم 9, NMRI مدل موش نژاد .no. 4 (2015): 74-84.
3. Ghasemi, S. H., A. Chehrei, [N. Sadigh](#), and S. Akhavanfard. "TUBERCULOSIS OF POSTERIOR OROPHARYNGEAL WALL: A CASE REPORT." *Razi Journal of Medical Sciences* 10, no. 36 (2003): 599-603.[indexing to: Index Copernicus, CINAHL Data base, Magiran, and ISC]
4. Razzaghi Azar, M., A. Moghimi, [N. Sadigh](#), M. Montazer, P. Golnari, L. Zahedi Shulami, S. Van Buuren, H. Mohammad Sadeghi, A. Zanganeh Kazemi, and S. M. Fereshtehnejad. "Age at the onset of puberty and menarche in Iranian girls and boys." *Razi Journal of Medical Sciences* 13, no. 50 (2006): 71-82.[indexing to: Index Copernicus, CINAHL Data base, Magiran, and ISC]
5. Nickavar A., Golnari P., [Sadigh N.](#) Determination of birth indices in healthy neonates. *Acta Medica Iranica*. 2007; 45 (6): 469-472. [SJR Q4](#).
6. Ghanjal, A., M. Motaqhey, and [N. Sadigh](#). "The relation between job and field of work with spine discopathies in male military personnel." *Journal of Military Medicine* 10, no. 2 (2008): 107-112. [Indexing to: Index Copernicus and Scientific Information Database] [SJR Q4](#)

Manuscripts Under Review

- Chardoli M, Daneshvari N, Khoshnejad H, [Sadigh N.](#) "Ultrasound in detection of brain hemorrhage following pediatric head trauma". *Archives of Academic Emergency Medicine*, **under review**. [SJR Q3](#).
- Fatemeh Moradi, Armin Ariaei, Maryam Khalili, Reza Ahadi, Ronak Shabani, Fatemeh Khamseh, [Nader Sadigh](#), Auob Rustamzadeh. "Medicinal herbs as bio-therapeutic approach in management and prevention of Alzheimer's disease; compounds, efficacy, and pathophysiological signaling."
- Effect of Omega-3 as Nutritional Support on Clinical Outcome and Recovery of Patients with COVID-19. Submitting paper

Selected Conference (or Seminar) paper presentations

- "Approach to non-weight bearing child", Invited lecturer in 15th International Congress of Iranian Emergency Medicine Society. Tehran-Iran, Jan 6, 2023
- "Towards clinical and therapeutic approaches in Alzheimer's disease based on neuroimaging, CSF, and blood biomarkers." Accepted for oral presentation in "1st International Congress of Biomarkers". Oct 2022, Urmia-Iran.
- "Comparison between taste temperaments of patients with migraine without aurea type headaches with normal healthy people: A pilot case-control study." Poster presentation in "The International Headache Congress"; 2005 Kyoto, Japan
- "Survival rate of Iranian pediatric renal transplants and factor affecting it" Oral presentation in Leiden international medical student congress 2005, Leiden Netherlands.
- "Age at the onset of puberty and menarche in Iranian girls and boys." Oral presentation in 7th international congress endocrine disorder 2004, Tehran. Iran.
- "Mycophenolate mofetil in pediatric renal transplantation" Oral presentation in 9th congress of middle east society of organ transplantation; 2004 Ankara, Turkey.

Registered Patent

- Rostam Zade A, Raofi A, Moradi F, Rezai MJ, Darabi Sh, Ghadimi T, [Sadigh N](#). 2022 Iran Patent number: 106362. “Formulation and production of herbal ointment with biological silk fibroin scaffold for wound healing”.

Details: In this invention we provided a novel silk-based technology for wound healing applications plus a herbal composition comprising Nettle extract and Terebinth oil. Combination of a natural biopolymer and herbal extract provides an effective, available and low-cost method for treatment of wounds with fewer side effects which exhibits remarkable antibiotic and wound-healing and regeneration. This invention with focus on connection between academic and industrial sectors offers multiple opportunities for future healthcare applications.

Journal Reviewer

- Reviewer of journal “Frontiers in Emergency Medicine”, H-index=2, CiteScore: 0.5.
- International Advisory Board of “Visual Journal of Emergency Medicine”, H-index=4.
- Editor and reviewer of journal “Asian Pacific Journal of Cancer Prevention”, H-index=80.

Conferences Reviewer Committee

- Reviewer committee of 7th annual research congress of Iranian medical science students. Tehran 2006

Trainer at Workshops and Seminars

- Continuing Medical Education (CME) program lecturer of “Foreign body in pediatric airway”, Tehran, 2022
- Continuing Medical Education (CME) program lecturer of “Approach to critically ill baby”; Tehran 2022
- Faculty Development program workshops (development and training):
 - Principles of a good mortality and morbidity conference: 2021
 - Educational leadership in medical universities: 2021
 - Statistical analysis with SPSS: 2021
 - Principles of scientific medical writing: 2021
 - Physician burnout management: 2021
 - Searching bibliographic medical databases: 2022
 - Teamwork in managing patients: 2022
 - Professional ethics in medical researches: 2021
 - Leadership in clinical practice: 2021
 - Principles of RCT studies: 2021
- Presenter at 25th-32nd Workshop of Basic Medical Research Methodology, Tehran University of Medical Sciences, Medical Student's Research Committee. Tehran, 2003-2010.
- Presenter at Workshop of Basic Medical Research Methodology, Milad Hospital, Department of Laser, Tehran, 2007.
- Presenter at 2nd and 3rd National Workshop of Sampling and sample size determination in medical research, Tehran University of Medical Sciences, Medical Student's Research Committee. Tehran, 2007-2008.
- Presenter at Workshop of Principles of Statistical Analysis. BMSU, Tehran, 2009.
- Presenter at Weakly Workshop of Principles of Statistical Analysis for Medical personnel. Sharif Entrepreneurs and Researchers Institute. Tehran, 2010.
- Several sessions of private teaching, small group teaching.
- Workshop Teacher in “Mechanical ventilation workshop” in 13th Iranian annual congress of emergency medicine; Tehran 2018
- Workshop Teacher at 1st international Snowsport medicine seminar: Workshop of “Out of hospital cardiac arrest in athletes”; Tehran 2022.
- Guest presenter in monthly conference of Iranian Society of Neonatology. (Jan 2022)

Supervising Thesis

- **PhD students**

- Advisor of Auob Rustamzade thesis for PhD of Anatomy. “Clinical trial of the effect of Silymarin on imaging and blood biomarkers in Alzheimer patients with dyslipidemia.”: in progress
- Advisor of Mehdi Heydari thesis for PhD of Anatomy. “Comparison of the effect of Swalin vira ointment and 1% Silver sulfadiazine on the repair of second-degree burns”

- **Medical student**

- Supervisor of thesis of Sobhan Kazemi Esfe: “Evaluation of the efficacy of pARC criteria for early diagnosis of acute appendicitis and its effect on the need for imaging in patients aged 5 to 10 years referred to the emergency departments of Firoozabadi and Ali Asghar hospitals suspected to appendicitis in 1397 to 1400.”: in progress
- Advisor of thesis of Hiran Hojaghani. “Association between after-hours birth and neonatal mortality in very low birth weight infants in Firoozabadi teaching hospital 2018-2021”.

-

- **Residents**

- Advisor of Dr Shabnam Aghajani resident of pediatrics, “Determination of attitude and experience of parents about presence during cardiopulmonary resuscitation of pediatric patients in Ali-Asghar and Rasool-Akram hospitals 2017-2022”: in progress.
- Advisor of Dr Soraya Shahbazian resident of pediatrics, “prevalence and complication of pancreatitis before during and after COVID-19 pandemic in pediatrics”: in progress.
- Advisor of Dr Ali Shir Yazdi resident of pediatrics, “Clinical trial of usage of nebulized Ketamine in acute pain management in pediatrics.”: in progress.
- Advisor of Dr Homasadat Hoseininasab Rabori resident of emergency medicine: in “Assessment of sending Short Message Service (SMS) for the trauma patient` follow up referred of Firoozgar Emergency Department”: in progress.
- Advisor of Dr Nooshin Daneshvar in “Determination of the sensitivity and specificity of ultrasound in diagnosis of subdural epidural subarachnoid and intertricular lesions in trauma patients in children under 6 years of age compared to CT scan in Shohada hafte tir Hospital”: 2020.
- Advisor of Dr Seyedahmadreza Mohajerani in “Clinical trial of effect of omega-3 on disease outcome and length of stay in Covid-19 infected patients”: in progress.

Administrative Experience and Executive Positions

- 2002-2003 Secretor of Iran University of Medical Sciences, Medical Student's Research Committee (IUMS-MSRC).2002-3.
- 1999-2006 Member of Research council of Iran University of Medical Sciences, Medical Student's Research Committee (IUMS-MSRC).
- 2002-2006 Member of Consulting Group for Medical Researches (For General Practitioner, Specialist thesis) Iran University of Medical Sciences, Medical Student's Research Committee (IUMS-MSRC).
- 2006 Member of SHRMD (Secretariat for Health & Risk Management in Disasters) in Emergency management center of Ministry of health and medical services.
- 2008-2016. Supervisor of medical research division of Sharif Entrepreneurs and Researchers Institute.
- 2009-2014 Working in Atieh hospital as general physician.
- 2014-2018 Lecturer in Sport medicine/injuries in “Sport physician assistance” coarse Iranian nursing association.
- 2014-2022 Supervising physician in “Cup Zaferanieh” fitness and health club.
- 2018-Now Assistant professor of emergency medicine in Ali Asghar children hospital.
- 2019-Now Assistant professor of emergency medicine Shohaday-e-Haftom-e-Tir Hospital
- 2019-Now Member of Trauma and Injury Research Center, IUMS (Iran University of Medical Science)
- 2021-Now Guest member of IUMS pediatric departmental research committee (approval of undergraduate /postgraduate research proposal)

Professional Associations

- American college of emergency physician (Member ID: A684617)
- Iranian society of emergency medicine
- Iranian sport medicine association
- The Islamic republic of Iran medical council
- Iranian telemedicine association

Licenses and Certifications

- Emergency unit Management (Certificated by Iranian Society of Emergency Medicine)
- Certificate of “International ski sports medicine course” from FIS (2009).
- Certificate of “Mountain sports medicine course” from SMFIRI (Sport medicine federation of IR Iran) (2013)
- Certificate of “Trainer body building and power lifting” from IR.BBF & PL (Body building and power lifting federation or IR Iran)

Teaching Courses:

- “Pediatric advanced life support” course for pediatric residents, emergency medicine residents, medical students.
- “Approach to ill baby” course for pediatric residents, emergency medicine residents, medical students, health system medical managers.
- “Foreign body aspiration in airway in children” course for pediatric residents, CME course of The Islamic republic of Iran medical council.
- “Collapsing baby”: CME course of The Islamic republic of Iran medical council.
- Seizure and status epilepticus in children. pediatric residents, emergency medicine residents, medical students.
- Point of care ultrasound in emergency medicine,
- “Pediatric toxicities”, Online course for pediatric residents, emergency medicine residents and medical students.
- “Pediatric dysrhythmias”, Online course for pediatric residents, emergency medicine residents and medical students.
- Workshop for training basic procedural skills for medical students (Skill lab) in department of emergency medicine and pediatric: 2021, 2022.
- Several one-day courses: Basic life supports in pediatrics/ Pain management in pediatric emergency department. / How to read chest X-ray in pediatric emergency department. /Acute pancreatitis in pediatrics. /Approach to pediatric COVID-19/MISC/ DKA in pediatrics

References

Javad Seyedhosseini

Associate Professor of Emergency Medicine, Tehran University of Medical Sciences. Shariati Hospital, Jalale Aleh Ahmad Highway, Tehran, Iran
Tel: +98-9122094770, Email: jshosseini@tums.ac.ir

Mohammad Jalili

Professor of Emergency Medicine, Tehran University of Medical Sciences, Department of emergency medicine, Imam Khomeini Hospital Complex, Keshavarz Blvd. Gharib St., Tehran, Iran
Tel: +98- 2166938081, Email: mjalili@tums.ac.ir

Leily Naraghi

Fellowship Director of Emergency Ultrasound and Emergency Medicine Faculty at Maimonides Medical Center. Maimonides Medical Center, Department of Emergency Medicine, 4802 10th Ave, Brooklyn, NY, 11219, USA, Email: lnaraghi@Maimonidesmed.org

Maziar Moradi-Lakeh

Director at Optimax Access, and Adjunct Professor at Preventive Medicine and Public Health Research Center, Email: mazmoradi@yahoo.com

Alireza Mosavi Jarrahi

Associate Prof. Of Epidemiology Department of Social Medicine, Medical School, Shahid Beheshti University of Medical Sciences, Tehran, Iran. /Faculty of Health Sciences, Simon Fraser University, Burnaby, BC, Canada, Tel: 98-912-1145572, Email: rmosavi@yahoo.com