

# Rouzbeh Rajaei Ghafouri

Associated Professor of Emergency Medicine

Tabriz University of Medical Sciences



## Profile

**Gender:** Male

**Date of Birth:** 21. September. 1978

**Marital Status:** Married

**Country of Origin:** Iran

**Present Nationality:** Iranian

## Education

**2003** Graduate from Tabriz University of Medical Sciences as General Practitioner

**2010** Graduate from Tabriz University of Medical Sciences as Emergency Medicine Specialist

**2010** Board Certify in Emergency Medicine

## Contact

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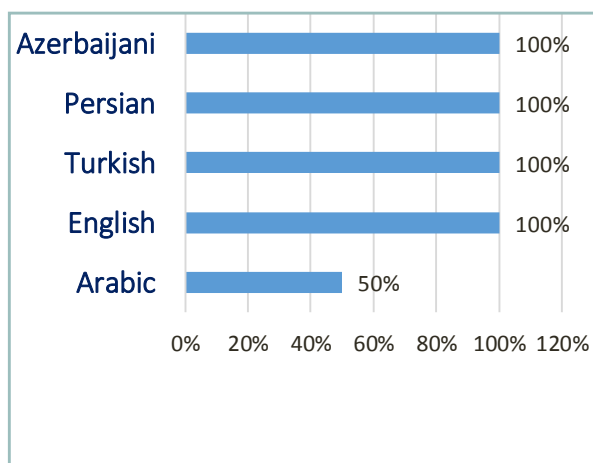
## Research Profiles ID

**Researcher ID:** H-3570-2018

**Scopus ID:** 8340908600

**ORCID ID:** 0000-0002-3760-572x

## Language Skills



## Areas of Interest

Disaster Preparedness, Pre-hospital Emergency Medical Service, Advanced Trauma Life Support, Acute Pain Management, Critical Care, Clinical Science Education

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## **Post Graduate Education**

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- Board Certify of Emergency Medicine, Study in Tabriz University of Medical Sciences

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## **Member of Associations**

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- Iran Medical Council, 2004- Ongoing
- Iranian Society of Emergency Medicine, 2008- Ongoing
- Turkish Society of Emergency Medicine, 2012- Ongoing
- World Stroke Organization (WSO) member, 2014- Ongoing

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## **General Skills**

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- IT Skills: (Internet, Windows, SPSS data Collection, Manipulation, and Analysis)
- Refrencess Manager
- Project Management
- Problem Solving
- Lateral Thinking
- Team Working

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## **Current Position**

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- Associated Professor of Emergency Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Education Deputy of Spatialities Practitioner of Emergency Medicine Department, Tabriz University of Medical Sciences, Tabriz, Iran.
- Treatment Vice Chancellor of Tabriz University of Medical Sciences, Tabriz, Iran.
- Member of Emergency Medicine Research Team, Tabriz University of Medical Sciences, Tabriz, Iran.

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## **Previous Work and Administrative Experience**

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- Administrator of Continuous Medical Education (CME) Center of Tabriz University of Medical Sciences, Tabriz, Iran, 2019.
- Deputy Dean for Human resources and management development of the National Emergency Organization in 2017-2018.
- Deputy Dean for Quality Improvement of the National Emergency Organization in 2017.
- Dean of Emergency Medical Service (EMS) of east Azerbaijan province since February 2014 to May 2017.
- National Focal Point of Pre-hospital Trauma Management.
- Head of the Emergency Department, Sina Hospital, Tabriz, Iran from March 2013 to Feb 2014
- Administrator of “Primary cares in emergent situations” seminar, Tabriz University of Medical Sciences, Tabriz, Iran, 2012

- Administrator of “Drug Intoxication” seminar, Tabriz University of Medical Sciences, Tabriz, Iran, 2012
- Administrator of “Pediatric Emergencies” seminar, Tabriz University of Medical Sciences, Tabriz, Iran, 2012
- Administrator of “Hospital disaster planning” seminar, Tabriz University of Medical Sciences, Tabriz, Iran, 2013
- Administrator of “Pre-Hospital Trauma Life Support (PHTLS)” seminar, Tabriz University of Medical Sciences, Tabriz, Iran, 2016
- Administrator of 7 “Cardiopulmonary Cerebral Resuscitation (CPCR)” seminars, Tabriz University of Medical Sciences, Tabriz, Iran, 2012–2017

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## **Scientific Work and Academic Teaching**

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- Medical students, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran. 2010- ongoing
- Emergency medicine residents, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran. 2010- ongoing
- Teaching to general physicians of Tabriz hospitals about Basic Life Support (BLS), Advanced Trauma Life Support (ATLS), Advanced Cardiac Life Support (ACLS), Tabriz, Iran. 2010-ongoing.
- Pharmacy students, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran (about Primary health care), 2010-ongoing.
- Traditional & Persian Medicine residents, Tabriz University of Medical Sciences, Tabriz, Iran, 2017- ongoing.

- Member of scientific committee and teacher in the 4th Olympiad of Medical Students, July 2012, Tabriz University of Medical Sciences.
  - Instructor of Pre-hospital Trauma Life Support (PHTLS) provided by American College of Surgeons (ACS), Since August 2013.  
Instructor of Advanced Trauma Life Support (ATLS) provided by American College of Surgeons (ACS), Since June 2012 – ongoing.
  - Instructor of Advanced Cardiac Life Support (ACLS) provided by American Heart association (AHA), Since August 2015 – ongoing.
- ❖ **Scientific Speaker** in 22 workshops as follows:
1. Local anesthesia and suture techniques; February 2012
  2. Cardio pulmonary Resuscitation (CPR); March 2012
  3. Drug administration in Emergency; March 2012
  4. Primary cares in emergent situations; April 2012
  5. Drug intoxication emergencies; June 2012
  6. Cardio pulmonary Resuscitation (CPR); November 2012
  7. Approach to Ischemic Stroke patients in Emergency Department; November 2012
  8. Primary Trauma Care (PTC); May, June & July 2013
  9. Administrative issues in disaster management; June 2013
  10. Hospital plan in disaster management; June 2013
  11. Basic Life Support (BLS) in CPR; October 2013
  12. Triage system organization in an Emergency Department; November 2013
  13. Thrombolytic therapy in stroke patient presenting to ED; December 2013
  14. Basic Life Support (BLS) in pregnant patient; February 2014
  15. Cardio pulmonary Resuscitation (CPR); November 2013 & August 2014

16. Patients' disposition in Emergency Department; October 2014
17. Documentation and scientific writing in Emergency Department; October 2014
18. How to give bad news in Emergency Department; September 2015
19. Critical care in Emergency Department; August 2016
20. Pre-hospital management of traumatic patients, September 2018
21. Training of clinical procedures in times of crisis, November 2019

❖ **Invited speaker** in Annual or International Congresses

1. Sixth Annual Congress on Emergency Medicine, 22-24 November 2011, Tehran-Iran
2. First International Critical care and Emergency medicine congress, 6-8 November 2013, Istanbul-Turkey.
3. Sixth Central European Congress of Disaster and Emergency Medicine, 22-25 April 2015, Vyhne- Slovakia.
4. Seventh Central European Congress of Disaster and Emergency Medicine, 29 April-1 May 2016, Vyhne-Slovakia.
5. First International congress of Trauma and Emergency Critical Care, 28-30 September 2016, Tabriz-Iran.
6. The 11<sup>th</sup> Annual Congress on Emergency Medicine, 23-25 December 2016, Tehran-Iran.
7. The 7<sup>th</sup> International Congress of Traffic injuries load, challenges and solutions, 16-18 February 2017, Shiraz - Iran.
8. First Annual Congress on management of Trauma injured patients, 9-11 August 2017, Tehran - Iran.

9. The 12<sup>th</sup> Annual Congress on Emergency Medicine, 30 December 2017- 1 January 2018, Tehran-Iran.

The 13<sup>th</sup> Annual Congress on Emergency Medicine, 2018, Tehran-Iran.

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## **Supervisor & Advisor & Referee of Thesis**

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1. Red Blood Cell Distribution Width Value as a Predictor for Mortality in Stroke Patients. (**Supervisor**)
2. Study of the relationship between blood glucose and cerebrospinal fluid glucose in adults with suspected bacterial meningitis. (**Supervisor**)
3. The ability criteria-directed protocol versus emergency severity index and modified rapid emergency medicine score in triage of trauma patients. (**Supervisor**)
4. Diagnostic value of bedside ultrasonography of Optic Nerve Sheath Diameters (ONSD) in Patients with high risk headach. (**Supervisor**)
5. Evaluation of triage in the emergency department of Imam Reza Hospital by ESI and comparison with SETS. (**Supervisor**)
6. Evaluation of the quality of cardiopulmonary resuscitation during in-hospital arrests in emergency departement of Imam Reza Hospital of Tabriz. (**Supervisor**)
7. Comparison of emergency severity index triage (ESI) and Swiss swiss emergency triage scale (SETS) triage and its consequences in emergency department of Imam Reza Medical Education Center. (**Supervisor**)

8. Comparison of two methods of lecture \_based learning and problem solving method in improving knowledge, attitude and skills of Tabriz Emergency Medical System personnel about Prehospital Trauma Life Support. **(Supervisor)**
9. Attitudes of Physicians, Nurses and patients' families about patient's family presence during invasive procedures In the emergency department. **(Supervisor)**
10. Cost-effectiveness analysis of the use of tissue plasminogen activator (tPA) in ischemic stroke patients. **(Supervisor)**
11. Knowledge, Attitude and Usage of Physicians, Nurses and Patients Referred to Emergency Medical-Educational Centers of Tabriz in Complementary and Alternative Medicine. **(Supervisor)**
12. Comparison of the effect of propofol and dexamethasone on the relief of migraine headache in patients referred to emergency department. **(Supervisor)**
13. Analytical review of patients with stroke referred to the emergency department. **(Supervisor)**
14. Evaluation of patients' satisfaction referred to emergency department of Imam Reza hospital in Tabriz in 2008. **(Supervisor)**
15. The Effect of Persian Medicine Products on the Clinical and Laboratory Symptoms of Patients with or Suspected of Covid-19. **(Advisor)**
16. Application of national early warning score in prognosis of stroke patients in the emergency department. **(Advisor)**
17. Setting up and developing of Transplantation Registry Program in North-west Iran. **(Advisor)**
18. Knowledge and Skills of Pre-hospital Personnel in Airway Management. **(Advisor)**



19. Predictive value of the outcome of trauma patient with the Kampala Trauma Score. **(Advisor)**
20. Relation between prehospital hypertension in trauma patient with hospital and prehospital mortality. **(Advisor)**
21. Title of proposal: Occupational stress in emergency medical technicians and its relationship with blood pressure, blood glucose and digestive disorders and cardiovascular disease. **(Advisor)**
22. The comprehensive evaluation of elderly patients with stroke and comparison of pre-hospital notification. **(Advisor)**
23. Knowledge and attitudes of nurses and physicians' about donation after circulatory death in emergency wards of educational and therapeutic centers of Tabriz University of Medical Sciences in 2019. **(Advisor)**
24. Patient safety at urban and suburban emergency stations in East Azarbaijan state. **(Advisor)**
25. Evaluating the length of stay of patients in Emergency Department, regarding determination time and release time, due to internal diseases; and its association with the average length of stay at internal medicine wards. **(Advisor)**
26. Evaluation of the patient's satisfaction about of pre-hospital emergency service performance in Tabriz. **(Advisor)**
27. Study of pre hospital emergency medical services experience in response to Varzeghan, Heris and Ahar districts earthquake in 2012. **(Advisor)**
28. Analysis of knowledge and practice of EMS personnel on how to deal with disasters and the role of active learning and problem solving method for its improving. **(Advisor)**

29. Ambulance response time and related factors in Tabriz emergency medical center in second half of 1396. **(Advisor)**
30. Surveying the stress and anxiety of emergency medical personnel in East Azarbaijan province in 2018. **(Advisor)**
31. Evaluation of Dispatch Patterns and Evaluation of Patients' Dispatches from Other Hospitals to the Emergency Research Center of Imam Reza Tabriz Emergency Research Center in 2015. **(Referee)**
32. Comparison of the effect of intravenous paracetamol (Apotel) with intravenous morphine and dexamethasone in reducing migraine headaches. **(Referee)**
33. Assessment of Patients' Satisfaction with Pre-hospital Emergency Performance in Tabriz. **(Referee)**
34. The Effect of Education on Knowledge and Skills of Emergency Medical Services Employees of East Azarbaijan in Triage of Patients at Time of Disaster. **(Referee)**
35. Outcome Assessment of Patients with Acute Upper Digestive Bleeding Based on Glasgow Blachford and T SCORE AIMS65 Criteria in Emergency Department 2014-2015. **(Referee)**
36. Evaluation of Causes of Patient Transfer by Emergency Department to Imam Reza Emergency Training Center and Development of Appropriate Patient Transfer Guidelines. **(Referee)**
37. Comparison of Hospital Mortality Predictors in Adult Burn Patients Using the abbreviated burn severity index and the percentage of full thickness burns. **(Referee)**
38. Assessment and Analysis of Pre-hospital Emergency Service to Tabriz Elderly Population in 2014. **(Referee)**

39. Relaxation of ketamine and propofol in adults and its use by emergency medicine professionals: A systematic review and meta-analysis. **(Referee)**
40. Lidocaine Use in Pain Management in Emergency Medicine: A Systematic Review and Meta-Analysis. **(Referee)**
41. Damage Patterns and Characteristics of Traumatic Patients Due to Vehicle Accidents in Northwest Iran Trauma Center. **(Referee)**
42. The Relationship between Demographic Factors and Primary Outcomes in Stroke Types in Adults. **(Referee)**
43. Evaluation of the NIHSS Eighth Truncated Value in Outpatient Outcome Evaluation in Stroke. **(Referee)**
44. Assessment of stress and anxiety level of medical emergency personnel in East Azarbaijan province. **(Referee)**
45. The Effect of Practical Workshops Using Natural Animal Tissue on the Knowledge and Performance of New Entrants Residents Compared to Mollage. **(Referee)**
46. Diagnostic value of SPECT in early diagnosis of chest pain and non-diagnostic ECG in emergency department. **(Referee)**
47. Prevalence of antiplatelet use in patients with stroke and its association with ischemic or hemorrhagic stroke. **(Referee)**
48. Evaluation of the quality of cardiopulmonary resuscitation in inpatient cardiac arrest in the emergency department of Tabriz Imam Reza Hospital. **(Referee)**
49. Epidemiologic study and diagnostic results in traumatic children referred to emergency department of Imam Reza Hospital in 2015. **(Referee)**

50. Diagnostic value of blood cell counts in the diagnosis of subarachnoid hemorrhage in patients referred to the emergency department. **(Referee)**

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## **Publications**

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### **A)Books**

National Accreditation standards for Prehospital sector in Iran, Ministry of Health, Tehran, Iran. First Edition, 2017

### **B)Journal Articles**

1. Varshochi M, **Rouzbeh Rajaei Ghafouri** , Alizade M, Jodati AR, Fakhari A, Araj Khodaei M, Ershadmanesh M, Sadighi B, Dehghani A, Mirzaei MR, Khoshbaten M. Efficacy of peer education on knowledge of students of Tabriz University of Medical Sciences toward transmission and prevention ways of HIV/AIDS. *Iranian J of Infectious disease and Tropical Medicine*, 2009; 13(43): 11-16.
2. Soleimanpour H, Marjany K, Iranpour A, **Rouzbeh Rajaei Ghafouri**, Soleimanpour M. The comparison of Propofol and Nesdonal on Succinylcholine induced Fasciculations, Myalgia and postoperative sore throat. *Journal of Iranian society of anesthesiology & intensive care*, 2009; 34 (2):26-33.
3. Ala A, **Rouzbeh Rajaei Ghafouri**. Interns' satisfaction about training program quality in emergency department. *Iranian J. of Medical Education*, 2010; 10(3): 239-246.

4. Soleimanpour H, Panahi JR, Mahmoodpoor A, **Rouzbeh Rajaei Ghafouri**. Digital intubation training in residency program as an alternative method in airway management. *Pakistan Journal of Medical Sciences*. 2011 Mar 1; 27(2).
5. Soleimanpour H, Gholipouri C, Salarilak S, Raoufi P, Vahidi RG, Rouhi AJ, **Rouzbeh Rajaei Ghafouri**, Soleimanpour M. Emergency department patient satisfaction survey in Imam Reza hospital, Tabriz, Iran. *International journal of emergency medicine*. 2011 Dec; 4(1):2.
6. Soleimanpour H, Gholipouri C, Panahi JR, Afhami MR, **Rouzbeh Rajaei Ghafouri**, Golzari SE, Soleimanpour M, Esfanjani RM. Role of anesthesiology curriculum in improving bag-mask ventilation and intubation success rates of emergency medicine residents: a prospective descriptive study. *BMC emergency medicine*. 2011 Dec; 11(1):8.
7. Soleimanpour H, **Rouzbeh Rajaei Ghafouri**, Taheraghdam A, Aghamohammadi D, Negargar S, Golzari SE, Abbasnezhad M. Effectiveness of intravenous dexamethasone versus propofol for pain relief in the migraine headache: a prospective double blind randomized clinical trial. *BMC neurology*. 2012 Dec 1; 12(1):114.
8. Soleimanpour H, Taheraghdam A, **Rouzbeh Rajaei Ghafouri**, Taghizadieh A, Marjany K, Soleimanpour M. Improvement of refractory migraine headache by propofol: case series. *International journal of emergency medicine*. 2012 Dec 1; 5(1):19.
9. Zolbanin M, Vahdati SS, **Rouzbeh Rajaei Ghafouri**, Toopal A, Habibollahi P. Effectiveness of fluid resuscitation on survival of uncontrolled hemorrhagic shock.(animal simulation). *Research in Pharmaceutical Sciences*. 2012 Aug 29; 7(5):S5.

10. Soleimanpour H, Salarilak S, Raoufi P, **Rouzbeh Rajaei Ghafouri**, Gholipouri C, Pouraghaei M. Assessment of patient satisfaction with emergency department services in imam khomeini hospital, tabriz, iran. *J Urmia Univ Med Sci.* 2012; 23(1):22-31.
11. Ayromlou H, Soleimanpour H, Farhoudi M, Sadeghi-Hokmabadi E, **Rouzbeh Rajaei Ghafouri**, Sharifipour E, Mostafaei S, Najafi Nashali M. What are the most important barriers for thrombolytic therapy in ischemic stroke patients?. *International Journal of Stroke.* 2013 Jun; 8(4):E7-.
12. Soleimanpour H, **Rouzbeh Rajaei Ghafouri**, Aghamohammadi D, Safari S, Marjani K, Soleimanpour M, Motavaf M. Magnesium Sulphate as a novel treatment in resistant Tic douloureux. *Minerva Anesthesiologica*, 2013; 79:78.
13. Vahdati SS, Khiavi RS, **Rouzbeh Rajaei Ghafouri**, Adimi I. Evaluation of prevalence of low back pain among residents of Tabriz University of Medical Sciences in relation with their position in work. *Turkish journal of emergency medicine.* 2014 Sep 1; 14(3):125-9.
14. Vahdati SS, Baghi HR, Ghobadi J, **Rouzbeh Rajaei Ghafouri**, Habibollahi P. Comparison of paracetamol (Apotel®) and morphine in reducing post pure head trauma headache. *Anesthesiology and pain medicine.* 2014 Aug; 4(3).
15. Ayromlou H, Soleimanpour H, Farhoudi M, Taheraghdam A, Hokmabadi ES, **Rouzbeh Rajaei Ghafouri**, Nashali MN, Sharifipour E, Mostafaei S, Altafi D. Eligibility assessment for intravenous thrombolytic therapy in acute ischemic stroke patients; evaluating barriers for implementation. *Iranian Red Crescent Medical Journal.* 2014 May; 16(5).

16. Gholipour C, Vahdati SS, Notash M, Miri SH, **Rouzbeh Rajaei Ghafouri**. Success rate of pre-hospital emergency medical service personnel in implementing pre hospital trauma life support guidelines on traffic accident victims. *Turkish journal of emergency medicine*. 2014 Jun 1; 14(2):71-4.
17. **Rouzbeh Rajaei Ghafouri**, Taghizadieh A, Farhan N, Etemadi J, Solimanpoor H, Rahmani F, Mirzaaghazadeh M. Arterial to ETCO<sub>2</sub> difference in patients with acute renal failure. *International Journal of Current Research and Academic Review*. 2014; 2(8):118-24.
18. Vahdati SS, **Rouzbeh Rajaei Ghafouri**, Dalil S, Baghizadeh S, Ostadi A, Derakhti B, Habibollahi P. Alcohol poisoning in toxicology center of east Azarbaijan province of Iran. *Journal of Academic Emergency Medicine*. 2015 Sep 1; 14(3):131.
19. Taghizadieh A, Moharamzadeh P, Pouraghaei M, **Rouzbeh Rajaei Ghafouri**, Nia KS. Predictive factors of hospitalization and dialysis requirement in alcohol poisoning; a cross-sectional study. *Iranian journal of emergency medicine*. 2015; 2(1):11-9.
20. Lotfi-Sadigh S, Gholipour C, Vahdati SS, **Rouzbeh Rajaei Ghafouri**, Haghighi AG. Clinical predictors of abnormal computed tomography scan in minor head trauma in children under 2 years old. *Anal Res Clin Med*. 2015; 3(1):57-63.
21. Vahdati SS, **Rouzbeh Rajaei Ghafouri**, Razavi S, Mazouchian H. Bicycle-Related Injuries Presenting to Tabriz Imam Reza Hospital, Iran. *Trauma monthly*. 2016 May; 21(2).
22. Shams Vahdati S, **Rouzbeh Rajaei Ghafouri**, Amiri H, Balafar M, Ghafarzade E. Tracheostomy Apply by Emergency Residents; Airway Management Animal Simulation. *Austin Emerg Med*, 2016; 2(1): 1010.



23. **Rouzbeh Rajaei Ghafouri**, Shahbazi S, Gholipour C. The value of lab findings in early diagnosis of acute mesenteric ischemia. *Journal of Emergency Practice and Trauma*. 2016; 2(2):46-9.
24. Herizchi S, Ghanini N, **Rouzbeh Rajaei Ghafouri**. Comparison of Personality Inventory of Women Committing Suicide in Two Ways of Poisoning and Self-Immolation. *Journal of Current Research in Science*. 2016 Mar 1(2):87.
25. Nejabatian A, Rahmani F, **Rouzbeh Rajaei Ghafori**, Shams-Vahdati S, Varghayi P, Ebrahimi-Bakhtavar H. Predictive value of serum amylase level in outcome of multiple trauma patients. *Journal of Analytical Research in Clinical Medicine*. 2016 May 9; 4(2):115-21.
26. Azizi A, **Rouzbeh Rajaei Ghafouri**, Soleimanpour H. Necessity of increasing elderly population awareness about Emergency Medical Services (EMS) Tabriz, Iran. *Emergency Medicine*, 2016; 6(4): e145
27. Zali M, Hassankhani H, Powers KA, Dadashzadeh A, **Rouzbeh Rajaei Ghafouri**. Family presence during resuscitation: A descriptive study with Iranian nurses and patients' family members. *International emergency nursing*. 2017 Sep 1; 34:11-6.
28. Azizi Zeinalhajlou A, **Rouzbeh Rajaei Ghafouri**, Matlabi H. Utilization of Emergency Medical Services among Older People: A Case Study in Iran. *Elderly Health Journal*. 2017 Jun 10; 3(1):23-7.
29. Pouraghaei M, Tabrizi JS, Moharamzadeh P, **Rouzbeh Rajaei Ghafouri**, Rahmani F, Mirfakhraei BN. The effect of start triage education on knowledge and practice of emergency medical technicians in disasters. *Journal of caring sciences*. 2017 Jun; 6(2):119.
30. Shams Vahdati S, **Rouzbeh Rajaei Ghafouri**, Paknejad P. O8: A Study on Vertebral Column Trauma Patients Presenting to the Trauma



Center of North-West of Iran. The Neuroscience Journal of Shefaye Khatam. 2017 Feb 10; 4(4):8-.

31. **Rouzbeh Rajaei Ghafouri**, Pouraghaei M, Ghffar zad A, Shokri R, Azizkhani L. Determining Prognostic Value of Serum Levels of Lactate, Bicarbonate, Base Deficit and Glucose in Mortality Rate of Trauma Patients Admitted to Emergency Department. Internal Medicine and Medical Investigation Journal. 2017 Oct 5; 2(4):161-6.

32. Azizi Zeinalhajlou A, **Rouzbeh Rajaei Ghafouri**, Matlabi H. Utilization of Emergency Medical Services among Older People: A Case Study in Iran. Elderly Health Journal. 2017 Jun 10; 3(1):23-7.

33. Sadeghi-Hokmabadi E, Farhoudi M, Taheraghdam A, Rikhtegar R, **Rouzbeh Rajaei Ghafouri**, Asadi R, Far EM, Ghaemian N, Mehrara M, Mirnour R. Prehospital notification can effectively reduce in-hospital delay for thrombolysis in acute stroke. Future Neurology. 2018 Feb; 13(1):5-11.

34. Hassankhani H, Hasanzadeh F, Powers KA, Zadeh AD, **Rouzbeh Rajaei Ghafouri**. Clinical skills performed by Iranian Emergency Nurses: perceived competency levels and attitudes toward expanding professional roles. Journal of Emergency Nursing. 2018 Mar 1; 44(2):156-63.

35. **Rouzbeh Rajaei Ghafouri**, Hosseini SM, Pouraghaei M. Are our hospitals safe against disasters? An evaluation of hospital safety index in Tabriz, Iran. Journal of Research in Clinical Medicine. 2018 Jul 25; 6(3):139-44.

36. Falaki M, **Rouzbeh Rajaei Ghafouri**, Vahdati SS. Problem-Based versus Lecture-Based Method in Pre-hospital Trauma Life Support Training; a Pre-test Post-test Study. Archives of Academic Emergency Medicine. 2019; 7(1):70.

37. Bagi HR, **Rouzbeh Rajaei Ghafouri**, Ojaghihaghghi S, Ameli H. Effect of Time Management Workshops in Reducing the Social Procrastination among Emergency Medicine Residents. *Advances in Bioscience and Clinical Medicine*. 2019 Jul 31; 7(3):10-2.
38. Sadeghi-Bazargani H, Jalilvand H, Sari HN, Meshkini M, Kolivand PH, Ala A, Haghighi SH, Jafarabadi MA, Rahmani F, Anvari RD, **Rouzbeh Rajaei Ghafouri**. Designing a tool for assessing injury severity parameters in order to develop a national Iranian model for auditing preventable trauma-related death. *Journal of Injury and Violence Research*. 2019 Nov 23; 11(2).
39. **Rouzbeh Rajaei Ghafouri**, Araj-Khodaei M, Targhi S, Varshochi M, Parsian Z, Yarani R, Golzari SJ. First report of a disease by rhazes 10 centuries ago. *International Journal of Preventive Medicine*. 2019 Jan 1; 10(1):10-6.
40. Vahdati SS, Rezaabakhsh A, Taghizadieh M, Khosravi M, Mirza-Aghazadeh-Attari M, **Rouzbeh Rajaei Ghafouri**. Red Blood Cell Distribution Width Value as a Predictor for Mortality in Stroke Patients. *Erciyes Medical Journal*. 2020; 42(3).
41. Dehghannezhad J, Rahmani F, **Rouzbeh Rajaei Ghafouri**, Hassankhani H, Dadashzadeh A, Damanabad Z. Promotion of knowledge, skill, and performance of emergency medical technicians in prehospital care of traumatic patients: An action-research study. *Archives of Trauma Research*. 2020 Apr 1; 9(2):81-.

### **C)Conference Presentations**

- 1- Improvement of Refractory Migraine Headache due to Propofol. Third Annual Congress on Emergency Medicine, Tehran-Iran 17-19 December 2008. **(Oral Presentation)**
- 2- A Survey of the performance of Emergency Department in Imam Khomeini Hospital. Third Annual Congress on Emergency Medicine, Tehran-Iran 17-19 December 2008.
- 3- Emergency department patient satisfaction survey before and after the establishment of an emergency medicine department in Imam Khomeini hospital, Tabriz, Iran. Third Annual Congress on Emergency Medicine, Tehran-Iran 17-19 December 2008.
- 4- Digital intubation training in residency program, as an alternative method in airway management. 1<sup>st</sup> International Congress of Airway Management and Anesthesia in Head & Neck Surgery, Tehran-Iran 20-22 May 2009. **(Oral Presentation)**
- 5- The role of anesthesiology curriculum in improving bag-mask ventilation and intubation success rates of Emergency Medicine residents. The Fifth Mediterranean Emergency Medicine Congress (MEMC V) Valencia, Spain 14-17 September 2009. **(Oral Presentation)**
- 6- Evaluation of intern's satisfaction with Emergency Department training program. The Fifth Mediterranean Emergency Medicine Congress (MEMC V), Valencia, Spain 14-17 September 2009.
- 7- Emergency department patient satisfaction survey in Imam Reza Hospital, Tabriz, Iran. The Fifth Mediterranean Emergency Medicine Congress (MEMC V), Valencia, Spain 14- 17 September 2009.

- 8- The effect of an education intervention on nurses' knowledge related to oxygen therapy. The 13<sup>th</sup> International Conference on Emergency Medicine (ICEM), Singapore 9-12 June 2010.
- 9- Association between Emergency Department patient disposition and patient satisfaction. The 13<sup>th</sup> International Conference on Emergency Medicine (ICEM), Singapore 9-12 June 2010.
- 10- The efficacy of the training program for improving nurses' knowledge about shock. The 13<sup>th</sup> International Conference on Emergency Medicine (ICEM), Singapore 9-12 June 2010.
- 11- Impacting factors on patient satisfaction with Emergency department in Imam Khomeini hospital, Tabriz, Iran. Fourth Annual Congress on Emergency Medicine, Tehran-Iran 12-14 January 2010.
- 12- Strategies before defibrillation. Fourth Annual Congress on Emergency Medicine, TehranIran 12-14 January 2010.
- 13- An analytical study on stroke patients presenting to Emergency Department of Tabriz University of Medical Sciences. 3<sup>rd</sup> Iranian stroke congress, Mashhad-Iran 8-9 July 2010.
- 14- Improvement of Refractory Migraine Headache due to Propofol: A case series. The second Eurasian congress on Emergency Medicine (ECEM), Antalya-Turkey 28-31 October 2010. **(Oral Presentation)**
- 15- Evaluating the associated risk factors of Pulmonary Thrombo-Embolism (PTE) in patients coming to the Emergency Department (ED) of Imam Reza educational hospital. The second Eurasian congress on Emergency Medicine (ECEM), Antalya-Turkey 28-31 October 2010. **(Oral Presentation)**
- 16- Improvement of triage process on patients presenting to Emergency Department of Imam Reza hospital, Tabriz, Iran. Fifts

Annual Congress on Emergency Medicine, Tehran-Iran 4-6 December 2010.

17- Evaluation of risk factors of Ischemic stroke and Intracranial Hemorrhage on patients presenting to Emergency Department of Imam Reza hospital, Tabriz, Iran. Fifth Annual Congress on Emergency Medicine, Tehran-Iran 4-6 December 2010.

18- A survey on the expectancies of final year medical students about their training curriculum in Emergency Medicine. The 6th Asian Conference for Emergency Medicine, Bangkok, Thailand 4-6 July 2011.

**(Oral Presentation)**

19- Effectiveness of intravenous Propofol versus Dexamethasone for pain relief in the migraine headache in the emergency department. The 6<sup>th</sup> Annual Congress on Emergency Medicine, Tehran-Iran 22-24 November 2011. **(Oral Presentation)**

20- Prehospital management of trauma. The 6th Annual Congress on Emergency Medicine, Tehran-Iran 22-24 November 2011. **(Invited Speaker)**

21- Effectiveness of fluid resuscitation on survival of uncontrolled hemorrhagic shock (Animal simulation). 13<sup>th</sup> Iranian Pharmaceutical Sciences congress, Isfahan-Iran 3-5 September 2012.

22- An unexpected pregnancy in a 22-year-old woman with history of premature ovarian failure: A case report. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012.

**(Oral Presentation)**

23- Success rate of PHEMS personnel in implementing PHTLS guidelines on traffic accident victims. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012. **(Oral Presentation)**

24- A comparison of Verapamil and Digoxin for heart rate control in atrial fibrillation. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012. **(Oral Presentation)**

25- Comparison of Palmprint, modified Mallampati score and 3-3-2 rule in prediction of difficult airway. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19- 22 September 2012. **(Oral Presentation)**

26- Impact of training on emergency medicine residents' success rate in diagnosing foreign body in soft tissues of sheep using ultrasound surface probe. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012. **(Oral Presentation)**

27- The effect of 3% hypersaline, normosaline and no fluid prescription on metabolic acidosis in uncontrolled hemorrhagic shock. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012. **(Oral Presentation)**

28- Epidemiologic of burned patients admitted in burn unit all hospitals in north-west of Iran. The 3rd Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012.

29- Evaluation of electrical injury in north-west of Iran, around east Azerbaijan region. The 3<sup>rd</sup> Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012.

30- Evaluation of suicide attempts with drug poisoning in north-west Iran. The 3<sup>th</sup> Eurasian congress on Emergency Medicine, Antalya-Turkey 19-22 September 2012.

31- Demographic study on patients with intracranial hemorrhage presenting to Emergency department in northwest Iran. Pan-Pacific Emergency Medicine Congress, Seoul-South Korea 23-26 October 2012. **(Oral Presentation)**

32- Role of parenteral Lidocaine in painful conditions: A review of the literature. Pan-Pacific Emergency Medicine Congress, Seoul- South Korea 23-26 October 2012.

33- Successful treatment of a resistant trigeminal neuralgia patient by intravenous Magnesium Sulfate: A case report. Pan-Pacific Emergency Medicine Congress, Seoul-South Korea 23-26 October 2012.

34- Meniere's disease with atypical presentation in emergency department: A case report. Seventh Annual Congress on Emergency Medicine, Tehran-Iran 11-13 December 2012.

35- An abdominal pain without any abnormal clinical findings: A case report. Seventh Annual Congress on Emergency Medicine, Tehran-Iran 11-13 December 2012.

36- Magnesium Sulphate as a novel treatment in resistant Tic Douloureux. Study in Multidisciplinary Pain Research (SIMPAN), Pavia-Italy 22-23 March 2013.

37- Which inotropic agent is the choice at the beginning of septic shock? First International Critical care and Emergency medicine congress, Istanbul-Turkey 6-8 November 2013. **(Invited Speaker)**

38- Demographic evaluation of Motorbike injuries in patients presenting to Emergency Department of Imam Reza and Shohada hospitals. 8th Annual Congress on Emergency Medicine, Tehran-Iran 30 Nov-2 December 2013.

39- Bicycle-related injuries presenting to Emergency Department. 8th Annual Congress on Emergency Medicine, Tehran-Iran 30 Nov-2 December 2013.

40- Comparison of three methods in improving Bag Mask Ventilation. 8th Annual Congress on Emergency Medicine, Tehran Iran 30 Nov-2 December 2013.



- 41- Prehospital management of Trauma. 5<sup>th</sup> Central European Congress of Emergency and Disaster Medicine, Bratislava-Slovakia 10-12 April 2014. **(Oral Presentation)**
- 42- Demographic study on patients with psychoactive substance overdose who presented to Tabriz poisoning center. 8<sup>th</sup> International Addiction Science Congress, Tehran-Iran 9-11 September 2014. **(Oral Presentation)**
- 43- Multi-center investigation of Burn out syndrome in Iran. 6<sup>th</sup> Central European Congress of Emergency and Disaster Medicine, Vyhne-Slovakia 10-12 April 2015. **(Invited Speaker)**
- 44- A multi-center study of knowledge, attitude and use of complementary and alternative medicine by physicians and nurses in the Emergency department. 9<sup>th</sup> European Congress of Emergency Medicine (EUSEM), Torino-Italy 10-14 October 2015.
- 45- Trauma causes in elderly and evaluation of its mortality. Tenth Annual Congress on Emergency Medicine, Tehran-Iran 21-23 November 2015.
- 46- Ultrasound versus plain radiography for bone fracture in Emergency Department. 7<sup>th</sup> Central European Congress of Emergency and Disaster Medicine, Vyhne-Slovakia 21-23 April 2016. **(Invited Speaker)**
- 47- Acute pulmonary complications in patients with drug toxicity referred to the Emergency Department. 27<sup>th</sup> Annual Congress of Iranian Society of Internal Medicine, Tehran-Iran 3-6 May 2016.
- 48- Tramadol intoxication with seizure referred to Emergency Department. 27<sup>th</sup> Annual Congress of Iranian Society of Internal Medicine, Tehran-Iran 3-6 May 2016.



49- Pre-Hospital role in Trauma management. The 1st International congress of Trauma and Emergency Critical Care, Tabriz-Iran 28-30 September 2016. **(Invited Speaker)**

50- Evaluation of reasons for patient transport by pre-hospital emergency service to the emergency department of Imam Reza hospital. The 1st International congress of Trauma and Emergency Critical Care, Tabriz-Iran 28-30 September 2016.

51- The effect of START Triage education on knowledge and practice of Emergency Medical Technicians of East Azerbaijan, Iran in Disasters. The 1<sup>st</sup> International congress of Trauma and Emergency Critical Care, Tabriz-Iran 28-30 September 2016.

52- Acute Cerebro-Vascular accident: New approaches in Emergency Medical services (EMS). 11th Annual Congress on Emergency Medicine, Tehran-Iran 23-25 December 2016. **(Invited Speaker)**

53- Pre-Hospital Management of Motorbike Trauma injured patients. The 7th International Congress of Traffic injuries load, challenges and solutions, Shiraz-Iran 16-18 February 2017. **(Invited Speaker)**

54- Case studies in pre-hospital setting of Trauma. First Annual Congress on management of Trauma injured patients, Tehran-Iran 9-11 August 2017. **(Invited Speaker)**

55- The role of serum Lactate De-Hydrogenase levels in prognosis of patients with suspected sepsis. The 13<sup>th</sup> Mediterranean Emergency Medicine Congress (MEMC), Lisbon-Portugal 6-10 September 2017.

56- Challenges in Pre-Hospital Emergency Medical Services. 12th Annual Congress on Emergency Medicine, Tehran-Iran 30 December 2017-1st January 2018. **(Invited Speaker)**

57- Airway management challenges in difficult patient. 12<sup>th</sup> Annual Congress on Emergency Medicine, Tehran-Iran 30 December 2017-1st January 2018. **(Invited Speaker)**