

Farzad Rahmani

Associate Professor of Emergency Medicine

Tabriz University of Medical Sciences, Tabriz, Iran



Profile

Gender: Male

Date of Birth: 08. September. 1980

Marital Status: Married

Country of Origin: Iran

Present Nationality: Iranian

Education

2005 Graduate from Tabriz University of Medical Sciences as General Practitioner

2012 Graduate from Tabriz University of Medical Sciences as Emergency Medicine Specialist

2012 Board Certify in Emergency Medicine

Contact

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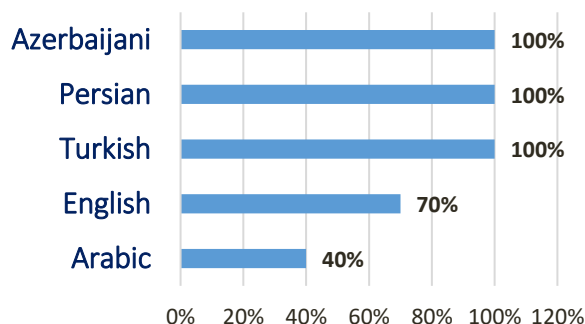
Research Profiles ID

Researcher ID: AAX-6928-2020

Scopus ID: 57202389810

ORCID ID: 0000-0001-5582-9156

Language Skills



Areas of Interest

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

Post Graduate Education

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

Awards and Distinctions

- Ranked 9th in Board exam of emergency medicine in Iran in Sep 2012

Achivments

1. Praised by the head of military of because of prefect function.
2. Praised by the head of Tabriz University of Medical Sciences because of identification of widow spider in East Azerbaijan, Iran.
3. Praised by the head of Faculty of Medicine because of perfect activity in improvement library function.
4. Praised by the governor of East Azarbaijan province because of perfect activity in improvement prehospital functions.
5. Praised by the head of National Emergency Organization because of perfect activity in improvement prehospital functions.
6. Praised by the head of Tabriz University of Medical Sciences because of perfect activity in improvement prehospital functions.
7. Praised by the general manager of the crisis management of East Azarbaijan province because of perfect activity in improvement prehospital functions in disaster management (Miyaneh/sarab Earthquake, Nowruz health program).

8. Praised by the Civil Deputy of the Governor's Office of East Azarbaijan province because of perfect activity in improvement reducing traffic accidents and improving managing of the injured patients in the prehospital setting.
9. Praised by the head of the National Emergency Organization because of the perfect activity in holding PHCLS and IP PHcourses.
10. Praised by the Educational and Research deputy of the National Emergency Organization because of the publishing the book with title "Rules and regulations of the pre-hospital emergency medicine (115)"
11. Praised by Treatment vice chancellor of MOH due to the performance in the office of hospital emergency wards in the treatment deputy of MOH.
12. Praised by Treatment vice chancellor of MOH due to the Compilation of Moghimi-Mandgari and on-call instructions.
13. Praised by Treatment vice chancellor of MOH due to the contribution to holding the 2nd national meeting of heads and experts of the hospital emergency department offices of universities and faculties of medical sciences in the year 2024.

Member of Associations

- Iranian Council of Emergency Medicine
- Iranian Emergency Medicine Physician

General Skills

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

Current Position

- Associate Professor of Emergency Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Member of Emergency and trauma care Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.
- Member of Road Traffic Accident Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.
- Instructor of Mass Casaulty Management (MCM), World Heath Organization.

Previous Work Experiences

- Military service, from January 2006 to august 2007 as military physician
- Chief resident of emergency medicine from April 2011 to March 2012
- Head of the Emergency Department, Sina Hospital, Tabriz, Iran from July 2014-2019.
- Head of faculty of medicine library, Tabriz University of Medical Sciences, Tabriz, Iran. May 2014-2019.

- Dean of Emergency Medical Service (EMS) of East Azerbaijan Province from 2017- July 2022.
- Head of Emergency departments' office of Ministry of Health and Education, IR Iran July 2022-September 2023.

Editor of Journals

1. Journal of Research in Clinical Medicine

Certifications

Educational Attendance

- Certifications of Workshop Attendance, Basic Life Support and Advanced Life Support (6 hours) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Primary Trauma care (6 hours) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Hospital Triage system (4 score) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Hospital Triage system (6 Hours) from Shahid Madani Hospital of Tabriz University of Medical Sciences.

- Certification of Workshop Attendance, Emergencies 5, Initial approach to poisoned patient in ED (3 score) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Emergencies 6, substance abuse (3 score) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Disaster management and hospital planning, (4 score) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Natural and Radioactive (3 score) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Natural and Radioactive (3 score) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Basic Life Support (6 hours) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Emergencies 6 (4 scores) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Triage in pediatric hospital (3 scores) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Patients decision making in the emergency departments (3.25 scores) from Education Development Center of Tabriz University of Medical Sciences.

- Certification of Workshop Attendance, Cardiopulmonary resuscitation and the use of hypothermia (5 scores) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, CPR (4 scores) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Lumbar Puncture (16 hours) from Medical faculty of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Approach to Shock (22 hours) from Medical faculty of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Patient Disposition in ED (4 scores) from Education Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, First Aids (8 Hours) from Faculty of Pharmacy of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Approach to multi-trauma patients (4 Hours) from Education Development Center of Tabriz University of Medical Sciences
- Certification of Workshop Attendance, ESI triage (6 Hours) from Education Development Center of Tabriz University of Medical Sciences.

Educational Training

- Certifications of training in workshop (12 hour), Basic Life Support and Advanced Life Support from Education Development Center of Tabriz University of Medical Sciences.

- Certifications of training in workshop (12 hour), Pediatric Advanced Life Support from Education Development Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop (6 hour), Skills in DoctorPatient communication from Education Development Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop (6 hour), Medical Recording from Education Development Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop (10 hour), Electronical Sources Search from Development and Coordination Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop (25 hour), Basic Research Methods from Development and Coordination Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop (3.5 score), Mechanical Ventilation in Emergency Ward from Iranian Society of Emergency Medicine.
- Certifications of training in workshop, Basic Life Support and Advanced Life Support from Iranian Society of Emergency Medicine.
- Certifications of training in workshop (1.75 score), Hyperbaric Oxygen from Iranian Society of Emergency Medicine.
- Certifications of training in workshop, Trauma Care from Medical Education Research and Development Center of Tabriz University of Medical Sciences.

- Certifications of training in workshop, English for academic purposes: Writing, Presenting Research Papers & Communication from Medical Education Research and Development Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop, Design of MCQ, from Medical Education Research and Development Center of Tabriz University of Medical Sciences.
- Certifications of training in workshop, Scientific and Professional Ethics and Islamic Political Thought and Principles of Islamic Revolution from Representative of the Supreme Leader at University of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, evidence based practice in medical sciences (12 hours) from Iranian evidence based medicine center of excellence.
- Certification of Workshop Attendance, Review of Articles from research and development coordinator center (RDCC).
- Certification of Workshop Attendance, Evidence based journal club (6 hours) from Iranian evidence based medicine center of excellence.
- Certification of Workshop Attendance, Evidence-based morning report and rounds (6 hours) from Iranian evidence based medicine center of excellence.
- Certification of Workshop Attendance, How to apply evidence based clinical guidelines? (6 hours) from Iranian evidence based medicine center of excellence.

- Certification of Workshop Attendance, Principles of Article Review (6 hours) from Common Disease Risk Factors Management Institute of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Academic Skills Course (100 hours) from Medical Education Research and Development Center of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, SPSS stage II (12 hours) from research and development coordinator center (RDCC).
- Certification of Workshop Attendance, Plagiarism Workshop (6 hours) from Kowsar Medical Institute.
- Certification of Workshop Attendance, General domestic of intellectual property rights and international and national patent registered process (8 hours) from Vice Chancellor for Research of Tabriz University of Medical Sciences.
- Certification of Workshop Attendance, Translation Workshop (6 hours) from Kowsar Medical Institute.
- Certification of Workshop Attendance, MCM Workshop (60 hours) from World Health Organization, Doha, Qatar-June 2023.

Congress Attendance

- Certification of Attendance, 5th annual Iranian emergency medicine congress in Tehran/Iran 4 Dec 2010 (13 score)
- Certification of Attendance, 6th annual Iranian emergency medicine congress in Tehran/Iran 22 Nov 2011 (14 score)
- Certification of Attendance, 7th annual Iranian emergency medicine congress in Tehran/Iran 11 Dec 2012 (14 score)

- Certification of Attendance, 7th International Congress of Intensive Care Medicine in Tabriz/Iran 16-18 Oct 2013 (13 score)
- Certification of Attendance, 8th annual Iranian emergency medicine congress in Tehran/Iran 30Nov-2 Dec 2013 (16 score)
- Certification of Attendance, The first conference on resuscitation, trauma and emergency critical care, 28-30 September 2016 (10 scores).
- Certification of Attendance, The 10th Addiction Science Congress, trauma and emergency critical care, 15-17 September 2016 (10.5 scores).
- Certification of Attendance, The Burning Congress, 24-25 February 2017 (7 scores).
- Certification of Attendance, Congress of acute coronary syndromes of Iran, 26-28 June 2018 (15 scores).
- Certification of Attendance, 11th Iran Stroke Congress, 21-23 February 2019 (15 scores).
- Certification of Attendance, 13th annual Iranian emergency medicine congress in Tehran/Iran 16-18 November 2018 (14.5 score)
- Certification of Attendance, International Congress of Safe Communities 21-23 August 2019 (9.25 score)
- Certification of Attendance, 13th annual Iranian emergency medicine congress in Tehran/Iran 16-18 November 2018 (14.5 score)
- Certification of Attendance, 14th annual Iranian emergency medicine congress in Tehran/Iran 23-25 2019 (14.5 score)

- Certification of Attendance, 16th annual Iranian emergency medicine congress in Tehran/Iran 3-5 January 2024 (15 score)
- Certification of Attendance, 1st International congress of Innovation in Pre-hospital Emergency 21-23 February 2024 (12 scores)

Research Grants

1. Predictive value of capnography for the diagnosis of diabetic ketoacidosis in patients with hyperglycemia in the Emergency Department Tabriz University of Medical Sciences.
2. Intimate Partner Violence in Married Female with Suicidal Attempt and Normal Consciousness Referred to Emergency Department of Sina Hospital.
3. Predictive Value of Serum Amylase Level in Patients with Blunt Abdominal Trauma for Laparoscopy Need and in Hospital Mortality
4. Predictive Value of Sartorius Trauma Score (MGAP) on Prognosis of Patients with Multiple Trauma.
5. Evaluation of Neck Collar Fixation Effect on Traumatic Patients Ventilation with Glasgow Coma Scale 15 with Capnography.
6. Evaluation of Demographic Feature and Reasons for Opiate Use between Addicts in Tabriz.
7. Evaluation of Thyroid Function Tests and Prolactin Serum Level in Females with Suicidal Attempt Referred to Emergency Department.

8. Epidemiologic Feature and Diagnostic Outcome of Traumatic Pediatric Patients Referred to Emergency Department. Tabriz University of Medical Sciences, Tabriz, Iran.
9. Research grant to 30% of the active researchers of the university (2022)
10. Research grant to 30% of the active researchers of the university (2021)
11. Research grant to 30% of the active researchers of the university (2020)
12. Research grant to 20% of the active researchers of the university (2019)
13. Research grant to 20% of the active researchers of the university (2020)
14. Research grant to 30% of the active researchers of the university (2021)
15. Research grant to 30% of the active researchers of the university (2022)
16. Research grant to 30% of the active researchers of the university (2023)

Supervisor & Advisor & Referee of Thesis

1. Diagnostic Value of Jolt Accentuation of Headache for Diagnosis of Meningitis in Patients Referred to Emergency Department. **(Supervisor)**
2. Evaluation of ICH and New ICH Scale on 30 Days Mortality Prediction in Spontaneous Intracranial Hemorrhage Patients. **(Supervisor)**

3. A New Method for Nontraumatic Epistaxis Treatment by Using Celox Dressing in Emergency Department. **(Supervisor)**
4. Design a Model to Predict Hospital Mortality of Multiple Trauma Patients caused by Traffic Accidents. **(Supervisor)**
5. Investigation of the predictive power of death of ISS index in traumatic patients in Imam Reza Hospital of Tabriz in 1398. **(Supervisor)**
6. Design and construction of basic cardiopulmonary resuscitation educational kiosk for public. **(Supervisor)**
7. Effect of Length of Stay in Emergency Ward on Hospital Outcome of Critically Ill Patients. **(Supervisor)**
8. Prediction Value the GAP and Revised GAP score in the Hospital Outcome of Multi-trauma Patients. **(Supervisor)**
9. Association between resilience and job burn out in hospital and prehospital emergency ward of Tabriz. **(Supervisor)**
10. The Effect of Basic Life Support Education on Knowledge and Practice of High School Students in the Ninth Grade in Tabriz: A Semi-experimental Study. **(Supervisor)**
11. Effect of Using Helmet on Trauma Severity and Admission Outcome in Motorcycle Riders. **(Supervisor)**
12. Epidemiological Status of patients with carbon monoxide poisoning in Tabriz, 2015-2018. **(Supervisor)**
13. Evaluating Professional Ethics Workshop Impact on the Ethical Intelligence of Pre-Hospital Technicians in East Azarbaijan Province. **(Supervisor)**
14. Comparing the efficacy and cost-effectiveness of pre-hospital emergency care provided by physicians versus trained non-physician personnel for national policymaking: a randomized trial. **(Supervisor)**

15. Comparison of feasibility of Nasogastric Tube Insertion in Conventional and SORT method. **(Supervisor)**
16. Predictive Value of the National Early Warning Score and Modified Early Warning Scores in Hospital Mortality of Patients with Suicide. **(Supervisor)**
17. Evaluation of the patient's satisfaction about of pre-hospital emergency service performance in Tabriz. **(Supervisor)**
18. Association between Clavicular Fracture and Hospital Outcome of Multiple Trauma Patients. **(Supervisor)**
19. Determination Value of the NEWS and MEWS score in Hospital outcome of Patients with Suicide. **(Supervisor)**
20. The Effect of Emergency Severity Index (ESI) Triage System Education on Knowledge, and Decision-making of senior Student Medical. **(Supervisor)**
21. Correlation of Moral Intelligence with Suicide attempts in Patients Referred to Emergency Department of Sina Hospital, Tabriz. **(Supervisor)**
22. Prevalence of ADHD in patient with suicide attempt admitted to the emergency department of Sina hospital in 2016. **(Supervisor)**
23. Comparison of the effect of silversulfadiazine ointment with herbal adipose dermal ointment in the treatment of patients with grade 2 burns referred to the emergency department. **(Supervisor)**
24. Epidemiologic study and diagnostic results in traumatic children referred to emergency department of Imam Reza Hospital. **(Supervisor)**
25. Demographic Status and Causes of Drug Addiction in Drug Addicts in Tabriz. **(Supervisor)**

26. A New Approach to the Treatment of Non-Traumatic Epistaxis Using Celox Dressing in the Emergency Department. **(Supervisor)**
27. Predictive value of Sartorius trauma score in determining the prognosis of multi traumatic patients. **(Supervisor)**
28. Evaluation of thyroid function tests and serum prolactin level in women with suicide referred to emergency department. **(Supervisor)**
29. Evaluation of serum amylase level in prognosis of patients with abdominal trauma. **(Supervisor)**
30. Evaluation of the effect of cervical clarification on ventilation of traumatic patients with Glasgow coma score 15 using capnography. **(Supervisor)**
31. Evaluation of motor ambulance services for patients in pre-hospital emergency from 1396 to 1400 in Tabriz. **(Supervisor)**
32. Comparison of highspot traffic accident points in Tabriz metropolis in the years 1399-1400. **(Supervisor)**
33. Design a model to predict the hospital mortality of admitted patients with Covid-19. **(Supervisor)**
34. Evaluation the accuracy of PECARN Rules in prediction the Brain Injuries in Pediatric with Head Trauma. **(Supervisor)**
35. Investigating the Relationship between Technical Quality of Pre-hospital Emergency medical Services with Provider Characteristics and Health Outcomes. **(Advisor)**
36. Knowledge and Skills of Pre-hospital Personnel in Airway Management. **(Advisor)**
37. Investigation of the relationship between arterial blood gas analysis parameters and endoscopic findings in acute injuries of caustic ingestion in patients referred to the emergency department. **(Advisor)**

38. Developing an Evaluation Tool for Evaluating the Extent of the Implementation of Comprehensive Emergency Visit Standards and using it at Sina Medical Education Center; A Case Study. **(Advisor)**
39. Evaluation of relationship between size and type of scalp laceration with intracranial damage in patients with mild traumatic brain injury. **(Advisor)**
40. Comparison of Tracheal Tube Cuff Pressure with two Techniques: Fixed Volume and Pilot Balloon Palpation Techniques. **(Advisor)**
41. Evaluating the Extent of the Implementation of Comprehensive Emergency Visit Standards at Sina Medical Education Center, Tabriz University of Medical Sciences; Case Study. **(Advisor)**
42. Relation between carbon monoxide level and clinical outcome of patients with asthma attack or COPD admitting to emergency department of the Tabriz Sina Hospital in 2019-2020. **(Advisor)**
43. Status the missions of air medical transport in east azarbijan province, 2014-2018. **(Advisor)**
44. Designing, Implementation and evaluation of advanced airway management based on Merrill basics for medical emergency students. **(Advisor)**
45. Analytical Evaluation of EMS personnel handling Out-of-Hospital Non-Traumatic Cardiopulmonary Patients. **(Advisor)**
46. Applying the Pediatric Risk of Mortality Score in the outcome prediction of the children admitted to the Intensive Care Unit. **(Advisor)**
47. Determination of the predictive value of serum bilirubin in patient with ischemic stroke. **(Advisor)**
48. Designing a primary model for estimating adjusted death according to severity of injury in three specialized trauma centers. **(Advisor)**

49. The relationship between initial Vitamin D serum level with hospitalization duration and hospital outcome in burn patients at sina hospital. **(Advisor)**
50. Mental health status of emergency medical personnel of East Azarbaijan province 2018. **(Advisor)**
51. Relationship between core body temperature and mean airway pressure with intratracheal cuff pressure in intubated patients of emergency department. **(Advisor)**
52. Pain Management in Traumatic Patients Referring to Emergency Department of Imam Reza Hospital, Tabriz-2018. **(Advisor)**
53. Investigation the performance indicators of the emergency department after implementation the specialist residency program in selected hospitals of Tabriz University of Medical Sciences. **(Advisor)**
54. The diagnostic value of bedside ultrasonography in diagnosing lung contusion in children with multiple trauma referring to the emergency department. **(Advisor)**
55. Design and development of an EMS UAV for scene management and emergency supply at traffic crash scene. **(Advisor)**
56. Designing a model to predicting expected death adjusted to injury severity: an application for Iranian hospitals and while comparison with international models. **(Advisor)**
57. Factors affecting false emergency calls from the viewpoint of people and personnel of medical dispatch center of Tabriz city 2018. **(Advisor)**
58. Developing a Tool to Assess of Non-hospital Health Units Preparedness to Provide Emergency Services. **(Advisor)**
59. 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)**

60. Prognostic value cellular changes and inflammatory factors in patient with mesenteric ischemia. **(Advisor)**
61. Prevalence of Psychotropic and Alcohol use by Drivers Involved in Accidents in East Azerbaijan, Iran. **(Advisor)**
62. The effect of self-assessment and self-learning educational software on the level of airway management skill learning in medical students. **(Advisor)**
63. The effect of the training course Prehospital Trauma Life Support (PHTLS) to Knowledge and Performance by pre-hospital emergency care system in Tabriz 2016. **(Advisor)**
64. Survey of drugs and chemical poisoning mortality of patients referred to sina hospital in 2016. **(Advisor)**
65. Attitudes of Physicians, Nurses and patients' families about patient's family presence during invasive procedures In the emergency department. **(Advisor)**
66. Developing a hospital performance evaluation model for trraffic injures management. **(Advisor)**
67. Evaluation of Prevalence and cause of recurrence refrence of elderly to Emam Reza Hospital in 2016-2017. **(Advisor)**
68. Comparison of three techniques on facility of Bag Mask Ventilation: E-C ‘Thenar Eminence and E-O. **(Advisor)**
69. Spouse abuse in married women with suicide attempt referred to emergency department of Sina-Tabriz hospital. **(Advisor)**
70. Sensitivity Determination of Three Face Angle Methods, Modified Malampathy Degree, and Upper Limb Bite in Predictive Difficult Airway. **(Referee)**

71. 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)**
72. The predictive value of Lactate Bicarbonate, Alkaline deficiency, Glucose in the mortality of traumatic patients that referred to emergency department. **(Referee)**
73. Evaluation of Avoidable Deaths in Trauma Patients in Imam Reza Hospital Emergency. **(Referee)**
74. Diagnostic value of ultrasound in confirmation of endotracheal intubation in emergency. **(Referee)**
75. Demographic study of maxillofacial injuries in multiple trauma patients. **(Referee)**
76. Comparison of the effect of intravenous paracetamol (Apotel) with intravenous morphine and dexamethasone in reducing migraine headaches. **(Referee)**
77. Comparison of laryngeal tube insertion with Kambi tube by emergency medicine residents: A study on the collagen. **(Referee)**
78. Evaluation of the effect of adding intravenous midazolam to intravenous apotel in the treatment of patients with primary headache referring to the emergency department. **(Referee)**
79. The effect of teacher-made model on training of cricotomy skills in emergency medicine residents. **(Referee)**
80. Assessment of Patients' Satisfaction with Pre-hospital Emergency Performance in Tabriz. **(Referee)**
81. Evaluation of the level of consciousness disorder in non-traumatic elderly referred to Emam Reza Emergency Department in 2014. **(Referee)**

82. Evaluation of the knowledge of patients referring to Imam Reza Hospital about the symptoms of acute stroke and its risk factors. **(Referee)**
83. 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)**
84. Evaluation of Post Traumatic Stress Disorder in Patients with Multiple Trauma. **(Referee)**
85. Outcome Assessment of Patients with Acute Upper Gastrointestinal Bleeding Based on Glasgow Blachford and T SCOrE AIMS65 Criteria in Emergency Department 2014-2015. **(Referee)**
86. Evaluation of Causes of Patient Transfer by Emergency Department to Imam Reza Emergency Training Center and Development of Appropriate Patient Transfer Guidelines. **(Referee)**
87. Comparison of Hospital Mortality Predictors in Adult Burn Patients Using the abbreviated burn severity index and the percentage of full thickness burns. **(Referee)**
88. Predictive value of platelet to lymphocyte ratio in patients with mesenteric ischemia. **(Referee)**
89. Assessment and Analysis of Pre-hospital Emergency Service to Tabriz Elderly Population in 2014. **(Referee)**
90. Frequency and Causes of Re-X-ray in Traumatic Patients Sent from Imam Reza Hospital to Tabriz Shohada Hospital during 1394-1395. **(Referee)**
91. Predictive value of R. Baux and P. Baux score in predicting probability of mortality, need for intubation or ICU admission in hospitalized children with burns in Sina Tabriz Hospital. **(Referee)**

92. Interns' awareness of tetanus diphtheria vaccination in traumatic patients: a questionnaire-based study. **(Referee)**
93. The effect of triage-based training of emergency severity index on medical students' knowledge and decision making. **(Referee)**
94. Comparison of short outcomes of hydrated versus non-hydrated ischemic stroke patients. **(Referee)**
95. Epidemiologic study and diagnostic results in traumatic children referred to emergency department of Imam Reza Hospital in 2015. **(Referee)**
96. Predictive value of red blood cell bandwidth (RDW) outcome in patients with acute pancreatitis referred to emergency department. **(Referee)**
97. Pulmonary Complications and their Consequences in Traumatic Patients Referred to Emam Reza Emergency Medical Center in Tabriz. **(Referee)**
98. Comparison of cardiac output, inferior vena cava diameter, and serum lactate levels in mortality rate of non-traumatic patients admitted to the emergency department. **(Referee)**
99. Epidemiology of Tramadol Poisoning in Patients Referred to Northwest Poisoning Center of Iran in 2014-2014. **(Referee)**
100. Diagnostic value of platelet indices in patients with suspected pulmonary embolism in the emergency department. **(Referee)**
101. Safety Assessment of Disaster-Related Medical Education Centers. **(Referee)**
102. Comparison of Bone Calcium Formation in the Treatment of Patients with Clavicle Fracture Using Bandage 8 and Brace Thoracolumbar. **(Referee)**

103. Comparison of vascular pedicular size in chest radiography, electrocardiographic changes and inferior vena cava diameter in intravascular volume determination in critically ill patients referred to Emam Reza Hospital Emergency. **(Referee)**
104. Emergency Department Occupation Evaluation of Imam Reza Medical Center Using Two National Emergency Department Emergency Indicators and Emergency Department Activity Index in 2015. **(Referee)**
105. Evaluation of telecardiology performance in pre-hospital emergency cardiac patients in Tabriz in 1401 **(supervisor)**
106. Relationship between Job Motivation and Job Satisfaction among Pre-Hospital Emergency Personnel:A Descriptive study **(supervisor)**
107. The trend of traffic accidents and the factors affecting it in the navigation ring around the metropolis of Tabriz during the years 2012-2021 **(supervisor)**
108. Evaluation of motor ambulance services for patients in pre-hospital emergency from 2017 to 2021 in Tabriz **(supervisor)**
109. Comparison of highspot traffic accident points in Tabriz metropolis in the years 1399-1400 **(supervisor)**
110. Design a model to predict the hospital mortality of admitted patients with Covid-19 **(supervisor)**
111. The Evaluation of competency of emergency medical personnel in cardiopulmonary resuscitation out-of- hospital **(supervisor)**
112. Non surgical management of epistaxis in elderly patients who presented to emergency department: a systematic review **(Advisor)**
113. Evaluation of knowledge, attitude and practice of physicians, nurses and patients referred to the emergency department of Imam

Reza Hospital in Tabriz about complementary and alternative medicine **(supervisor)**

114. Derivation and Validation of Trauma Death Prediction Model, Adjusted According to the Severity of Injury in the Elderly **(Contribute)**
115. Evaluation of pre-hospital stroke diagnosis agreement with emergency diagnosis **(Advisor)**
116. Investigating the Relationship between Technical Quality of Pre-hospital Emergency medical Services with Provider Characteristics and Health Outcomes **(supervisor)**
117. Knowledge and Skills of Pre-hospital Personnel in Airway Management **(Advisor)**
118. Investigation of the relationship between arterial blood gas analysis parameters and endoscopic findings in acute injuries of caustic ingestion in patients referred to the emergency department **(Advisor)**
119. Developing an Evaluation Tool for Evaluating the Extent of the Implementation of Comprehensive Emergency Visit Standards and using it at Sina Medical Education Center; A Case Study **(supervisor)**
120. Evaluation of relationship between size and type of scalp laceration with intracranial damage in patients with mild traumatic brain injury **(Advisor)**
121. Comparison of Tracheal Tube Cuff Pressure with two Techniques: Fixed Volume and Pilot Balloon Palpation Techniques **(Contribute)**
122. Relation between carbon monoxide level and clinical outcome of patients with asthma attack or COPD admitting to emergency department of the Tabriz Sina Hospital in 2019-2020 **(Supervisor)**

123. Status the missions of air medical transport in east azarbijan province, 2014-2018 **(Contribute)**
124. Designing,Implementation and evaluation of advanced airway management based on Merrill,s basics for medical emergency students **(Advisor)**
125. Analytical Evaluation of EMS personnel handling Out-of-Hospital Non-Traumatic Cardiopulmonary Patients **(Advisor)**
126. Applying the Pediatric Risk of Mortality Score in the outcome prediction of the children admitted to the Intensive Care Unit **(Advisor)**
127. Determination of the predictive value of serum bilirubin in patient with ischemic stroke **(Advisor)**
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135. Factors affecting false emergency calls from the viewpoint of people and personel of medical dispatch center of Tabriz city 2018 **(Advisor)**
136. Developing a Tool to Assess of Non-hospital Health Units Preparedness to Provide Emergency Services **(Advisor)**
137. Prognostic value cellular changes and inflammatory factors in patient with mesenteric ischemia **(Advisor)**
138. The effect of self-assessment and self-learning educational software on the level of airway management skill learning in medical students **(Contribute)**
139. The effect of the training course Prehospital Trauma Life Support(PHTLS) to Knowledge and Performance by pre-hospital emergency care system in tabriz 2016 **(Contribute)**
140. Survey of drugs and chemical poisoning mortality of patients referred to sina hospital in 2016 **(Advisor)**
141. Developing a hospital performance evaluation model for ttraffic injures management **(Advisor)**
142. Evaluation of Prevalence and cause of return visit of elderly to Emam Reza Hospital in 2016-2017 **(Advisor)**
143. Comparison of three techniques on facility of Bag Mask Ventilation: E-C, Thenar Eminence and E-O **(Advisor)**

144. Assessment the effect of using telemedicine in pre-hospital emergency on disposition and hospital outcome of patients with acute myocardial infarction **(Supervisor)**
145. Frequency and dispatching of patients in the pre-hospital emergency center in East Azarbaijan province in 2021 **(Supervisor)**
146. The effect of the professional ethics workshop on the level of moral intelligence of pre-hospital emergency technicians in East Azarbaijan province **(Supervisor)**
147. Evaluation of awareness of hand hygiene among senior mdical students in Tabriz university of medical sciences **(Supervisor)**
148. Evaluation the frequency and causes of inter-hospital dispatch of patients in East Azarbaijan province in 2017 **(Supervisor)**
149. Study of primary vital signs and hospital outcome of people with suicide attempts (Supervisor)
150. The severity of trauma and outcome in traffic accidents by heavy vehicles **(Supervisor)**
151. Linked Emergency Dispatch System For Road Traffic Accidents (RTA) In Tabriz, Iran: A Feasibility Study **(Supervisor)**
152. The value of Terminal-24 score in predicting early mortality of multiple trauma patients **(Supervisor)**
153. Pain Management in the Emergency Ward: an umberella Review **(Supervisor)**

154. Evaluation of the Cause for Stay of Boarded Patients in the Emergency Department of Imam Reza (AS) Hospital-Tabriz **(Supervisor)**
155. Evaluating the compliance of the care of trauma patients based on the approved guidelines in the pre-hospital emergency phase in Tabriz city **(Supervisor)**
156. Epidemiological pattern and clinical aspects of scorpion stings and snake bites in patients referred to the emergency department of Sina Hospital: 2021-2023 **(Supervisor)**
157. comparison of straddle position methods versus conventional chest compression methods in the quality of cardiopulmonary resuscitation **(Supervisor)**
158. The outcome of Interhospital transferred patients in the East Azerbaijan Province **(Advisor)**
159. Comprehensive Evaluation of Disaster Risk Management Standards in the East Azerbaijan Hospitals in 2021 **(Supervisor)**
160. studying incidence Patterns of chest traumas in terms of mechanism and characteristics related to traffic accidents **(Advisor)**
161. The Evaluation of competency of emergency medical personnel in cardiopulmonary resuscitation out-of- hospital **(Supervisor)**
162. Developing a model for predicting the severity of injuries in drivers and motorcyclists accidents in Urmia and Tabriz using data mining techniques **(Advisor)**
163. Evaluation of Primary Health Centers Preparedness for Providing Primary Emergency Care in East Azarbaijan, Iran **(Advisor)**

Publications

A) Books

No.	Title	Year	ISBN
1	Evidence-Based Medicine in Emergency Medicine <i>(Translation to Persian)</i>	2012	978-964-7506-40-3
2	Mild Induced Hypothermia after Cardiac Arrest: Advent of a novel approach in cerebral resuscitation <i>(In Persian)</i>	2013	978-600-92515-1-1
3	Emergency Severity Index (ESI) <i>(Translation to Persian)</i>	2014	978-964-7506-51-9
4	A Comprehensive Look at the Basics of Adult Cardiopulmonary-Brain Resuscitation <i>(In Persian)</i>	2016	978-600-97095-0-2
5	Rules and regulations of the pre- hospital emergency medicine (115) (Persian)	2021	978-622-6021-69-2
6	Operation processes in pre-hospital emergency medicine (Persian)	2021	
7	Clinical Handbook of Emergency Medical Services	2021	
8	PHTLS: Management and treatment of trauma in the prehospital emergency	2021	
9	Four level Telephone triage guideline	2022	

10	Plan of Justice and Excellence in the Treatment Deputy (MOH)	2022
11	A set of indices in the field of treatment deputy (MOH)	2023

B) Journal Articles

1. **Farzad Rahmani**, Behshid M, Zamanzadeh V. Relationship between general health, occupational stress and burnout in critical care nurses of Tabriz teaching hospitals. *Iran Journal of Nursing (IJN)* 2010; 23(66): 54-63.
2. Soleimanpour H, Gholipouri C, Golzari SEJ, **Farzad Rahmani**, Sabahi M. Capnography in the Emergency Department. *Emergency Med. Journal* 2012; 2:9, e123.
3. Soleimanpour H, Golzari SEJ, **Farzad Rahmani**, Mokhtarpour M. Inadvertent Arterial Puncture during Central Venous Catheter Insertion. *Journal of Clinical and Analytical Medicine* 2013; 10.4328/JCAM.1699.
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8. Moharamzadeh P, **Farzad Rahmani**, Pouraghaei M, Ebrahimi Bakhtavar H, Moharramzadeh AE. Epidural Hematoma Following Hemodialysis in a Methanol Poisoned Patient; a Case Report. *Emergency* 2014; 1 (2):48-49.
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- 135.

C) Conference Presentations

1. Pouraghaeii M, Moharramzadeh P, Saeedi M, Maroufi P, Heshmat Y, Ghaffar zad A, Shoaehari S, **Farzad Rahmani**, Keyghobadi M, Almasi A, Ojaghi Haghighi S.H. Post Traumatic Intraorbital Arteriovenous Fistula. 6th Mediterranean Emergency Medicine Congress, 10-14 Sep 2011. **(Poster Presentation)**
2. Farzad Rahmani, Zamani H, Valizadeh S, **Farzad Rahmani**. The Relation of Emotional Intelligence and Academic Achievement in Adolescents Studying in Tabriz High Schools in 2011. 5th International Congress of Child&Adolescent Psychiatry, 8-11 October 2012. **(Poster Presentation)**
3. **\Presentation)**

4. Soleimanpour H, Taghizadieh A, Niafar M, **Farzad Rahmani**, Jamal Golzari SE, Mehdizadeh R. Predictive value of capnography for the diagnosis of diabetic ketoacidosis in patients with hyperglycemia in the Emergency Department. 7th annual Iranian emergency medicine congress, 11-13 Dec 2012. **(Oral Presentation)**
5. Niafar M, Milanchian N, Shahsavari Nia K, **Farzad Rahmani**, Ghaffar zad A, Jamali K. Efficacy of Bromocriptine on blood sugar level control in poor controlled Type II Diabetes. 7th International Congress of Intensive Care Medicine, 16-18 Oct 2013 **(Poster Presentation)**
6. Shahsavari Nia K, **Farzad Rahmani**, Separham A, Taghizadieh A, Balafar M, Ghaffar zad A. A Young Man with Myocardial Infarction due to Trenbolone Acetate. 8th annual Iranian emergency medicine congress, 30 Nov-2 Dec 2013. **(Poster Presentation)**
7. Ghaffar zad A, Shahsavari Nia K, Moharramzadeh P, **Farzad Rahmani**, Majidi G, Ebrahimi Bakhtavar H. A Case Report of Pneumothorax in a 39 years Traumatic Patient. 8th annual Iranian emergency medicine congress, 30 Nov-2 Dec 2013. **(Poster Presentation)**
8. Ghaffar zad A, **Farzad Rahmani**, Shams Vahdati S, Moharramzadeh P, Ebrahimi Bakhtavar H. Demographic Features of Traumatic Patients Referred to Emergency Department of Imam Reza (AS) Hospital of Tabriz at 1390 Nowrooz Holidays. 8th annual Iranian emergency medicine congress, 30 Nov-2 Dec 2013. **(Poster Presentation)**
9. Soleimanpour H, Mehryar H, Gholipouri C, Negargar S, Pouraghaei M, Shahsavari Nia K , **Farzad Rahmani**, Ghaffar zad A, Rajaei R. Comparison of Three Methods in Improving Bag Mask Ventilation. 8th annual Iranian emergency medicine congress, 30 Nov-2 Dec 2013. **(Poster Presentation)**

10. **Farzad Rahmani**, Hanieh Ebrahimi Bakhtavar, Atefeh Ghavidel. Acute hepatorenal failure in a patient following consumption of mushrooms. 8th European congress on emergency medicine. 28 sep-1 Oct 2014. **(Poster Presentation)**
11. Certification of Attendance, 1st National symposium Headquarters for managing and reducing traffic accident casualties, 1 September 2022 (Iranian Red Crescent Society, Tehran, IR Iran) **(Oral Presentation).**
12. Certification of Attendance, 15th annual Iranian emergency medicine congress in Tehran/Iran **(Oral Presentation:** Key performance indicators of hospital emergency wards).
13. Certification of Attendance, 15th annual Iranian emergency medicine congress in Tehran/Iran **(Oral Presentation:** Managenet of overcrowded in the hospital emergency wards).
14. Certification of Attendance, 15th annual Iranian emergency medicine congress in Tehran/Iran **(Oral Presentation:** Triage in Mass Casaulaty Incidents).
15. Certification of Attendance, 15th annual Iranian emergency medicine congress in Tehran/Iran **(Oral Presentation:** Thrombolytic Therapy in PTE).
16. Certification of Attendance, 15th annual Iranian emergency medicine congress in Tehran/Iran, **(Oral Presentation:** Interaction of hospital and pre-hospital emergency).
17. Certification of Attendance, 16th annual Iranian emergency medicine congress in Tehran/Iran, Jan 2024 **(Oral Presentation:** Process Improvement of hospital emergency wards).

18. Certification of Attendance, 16th annual Iranian emergency medicine congress in Tehran/Iran, Jan 2024 (**Oral Presentation:** PHUS prehospital ultrasonography).
19. Certification of Attendance, 16th annual Iranian emergency medicine congress in Tehran/Iran, Jan 2024 (**Oral Presentation:** Mass Casaulty incident managemernt in the hospital emergeny wards).
20. Certification of Attendance, 16th annual Iranian emergency medicine congress in Tehran/Iran, Jan 2024 (**Oral Presentation:** ESI triage 5th edition).
21. Certification of Attendance, 16th annual Iranian emergency medicine congress in Tehran/Iran, Jan 2024 (**Oral Presentation:** Shock Management).
22. Certification of Attendance, 1st International congress of Innovation in Pre-hospital Emergency, Feb 2024 (**Oral Presentation:** Development challenges of EMS fields of study in the university).
23. Certification of Attendance, 1st International congress of Innovation in Pre-hospital Emergency, Feb 2024 (**Oral Presentation:** PHUS).

D) Innovations

- Ophthalmic Irrigation Medical Glasses. Registration code: 1398/02/22-98549

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