

Resume of Alireza Baratloo



Name: Alireza Baratloo

Gender: Male

Marital status: Married

Nationality: Iranian

Date of birth: July 29, 1982

Place of birth: Tehran

Military Service Status: Exempt

Office address: Emergency Department, Sina Hospital, Hasanabad Square, Tehran, Iran.

Zip code: 11367-46911

Phone number: (+98)2163120

Mobile number: (+98)9122884364

Email: alirezabaratloo@yahoo.com / alirezabaratloo@gmail.com / arbaratloo@sina.tums.ac.ir

Academic degrees:

2000, High School Diploma, Allameh Helli Tehran (National Institute of Prodigious Talents)

2008, Medical Doctorate, Babol University of Medical Sciences

2011, Specialty of Emergency Medicine, Shahid Beheshti University of Medical Sciences

2011, Board Certified in Emergency Medicine

(National ranking of 4th in the 58th board certification examination in Emergency Medicine)

Thesis title for M.D. degree:

Antibiotic Susceptibility of Bacteria Isolated from Respiratory Secretions Culture in the ICU Patients

Thesis title for Specialty degree:

Interpretation Accuracy of Brain CT Scans without Contrast Conducted in the Emergency Department by Emergency Physicians vs. Radiologists

Educational and Research Awards:

- 1) Top Faculty Member (Outstanding Professor), Shohaday-e-Tajrish Educational Medical Center, Shahid Beheshti University of Medical Sciences (2015)
- 2) 9th (2017), Best Citation Award, Review Article - In recognition of the most citations in the year 2017 of all articles published in Clinical and Experimental Nephrology
- 3) Selected researcher at the 13th Sina Hospital Research Festival (2018)
- 4) Selected researcher by NAJA Deputy of Health, Relief and Treatment (2018)
- 5) Candidate for the Professor of the Year Award in clinical research section of the 1st Homage to Professors Festival (Qadr-e Ostad), School of Medicine, Tehran University of Medical Sciences (2019)
- 6) Selected researcher, Research Week, NAJA Deputy of Health, Relief and Treatment (2019)

Executive experience:

- 1) Chief Resident, Department of Emergency Medicine, Shahid Beheshti University of Medical Sciences (2010-2011)
1. Faculty Member, Department of Emergency Medicine, Shahid Beheshti University of Medical Sciences (2011-2017)
- 3) Secretary of Disaster Committee and Medical Emergencies of the Shohaday-e-Tajrish Teaching Hospital (2012-2013)
- 4) Technical Director of the Shohaday-e-Tajrish Teaching Hospital (2013)
- 5) Secretary of Committee for disposition determine of Shohaday-e-Tajrish Teaching Hospital (2013-2017)
- 6) Bed manager in Shohaday-e-Tajrish Teaching Hospital (2012-2017)
- 7) Member of the Crisis Committee and Director of Treatment in the Shohaday-e-Tajrish Teaching Hospital (2012-2017)
- 8) Member of the Blood Transfusion Committee in the Shohaday-e-Tajrish Teaching Hospital (2013-2017)
- 9) Senior physician of hem-vigilance in Shohaday-e-Tajrish Teaching Hospital (2012-2014)
- 10) Head of Clinical Audit Team in Shohaday-e-Tajrish Teaching Hospital (2013-2017)
- 11) Participating in "Reforms in Medical Training Conference" (Jan. 2013)
- 12) Member of the Final Examiners for Specialty Certification in Emergency Medicine, Shahid Beheshti University of Medical Sciences (2013)
- 13) Member of the Final Examiners for Specialty Certification in Emergency Medicine, Shahid Beheshti University of Medical Sciences (2014)
- 14) Member of the Final Examiners for Specialty Certification in Emergency Medicine, Shahid Beheshti University of Medical Sciences (2015)
- 15) Member of the Final Examiners for Specialty Certification in Emergency Medicine, Shahid Beheshti University of Medical Sciences (2016)
- 16) Member in the Emergency Committee in the Shohaday-e-Tajrish Teaching Hospital (2016)
- 17) Faculty Member, Department of Emergency Medicine, Tehran University of Medical Sciences (Since April 2017)
- 18) Research Director, Department of Emergency Medicine, Tehran University of Medical Sciences (Since May-2017)
- 19) Bed manager, Sina Medical Research & Training Hospital (since 2017)
- 20) Research deputy, Department of Emergency Medicine, Tehran University of Medical Sciences (Since April 2017)
- 21) Consultant and supervisor of research projects, Council for Research, Tehran Emergency Medical Services (since September 2018)
- 22) Head of the Pre-Hospital and Hospital Emergency Research Center, Tehran University of Medical Sciences (since December 2018)
- 23) Scientific Committee member, 14th Iranian Annual Congress of Emergency Medicine (2019)
- 24) Part-time member, founder committee, Police Medicine Research Center (2019)
- 25) Member, National Committee of Research on COVID-19 (2019)

Teaching experience:

- 1) Faculty Member, Department of Emergency Medicine, Shahid Beheshti University of Medical Sciences (2012-2017)
- 2) Teaching nursing courses at hospitals affiliated to Shahid Beheshti University of Medical Sciences (2011-2013)
- 3) Teaching patient care technicians at hospitals affiliate to the Shahid Beheshti University of Medical Sciences (2011)
- 4) Writing a book titled "Board Review of Emergency Medicine" (2011)
- 5) Compiling training software of "Emergency Medicine Training Movies" (2011)
- 6) Writing a three-volume book titled "Questions of Emergency Medicine" (2012)
- 7) Member of the Final Examiners for Specialty Certification in Emergency Medicine, Shahid Beheshti University of Medical Sciences (2013-2016)
- 8) Teaching emergency courses to B.A. students (February 2013- April 2014)
- 9) Editing a book titled "A summary of EMS and Crisis Management Principles" (2016)
- 10) Faculty Member, Department of Emergency Medicine, Tehran University of Medical Sciences (Since April 2017)
- 11) Teaching a course on pain in the virtual educational program on the Continuing Medical Education System, Shahid Beheshti University of Medical Sciences (2018)
- 12) Virtual educational program titled "Tissue Plasminogen Activator: A Literature Review" (2018)
- 13) Writing a chapter titled Headache in the Signs Symptoms in Clinical Practice (2019)

Iranian Congresses, Workshops, and Conferences:

- 1) Attending Cardiac and Pulmonary Resuscitation Training Workshop held by Mazandaran's Red Crescent Society (Babol-2002)
- 2) Attending Death Registration Training Workshop by the Health Deputy of Babul's University of Medical Sciences (Babol, May-2009)
- 3) Attending Research Methodology Training Workshop in Shahid Beheshti University of Medical Sciences (Tehran, October-2009)
- 4) Participating in the third Heart Conference and Modern Technologies (Chaloos, November-2011)
- 5) Participating and lecturing in the sixth annual Congress on Emergency Medicine (Tehran, December-2012)
- 6) Participating and lecturing in the seventh Congress on Emergencies and Common Pediatric Diseases (Tehran, January-2012)
- 7) Lecturing on the National Plan for General Practitioners (Tehran, January-2012)
- 8) Participating and Lecture in the Basic and Advanced Revival Workshop of Children (Tehran, March-2012)
- 9) Participating in the seminar on Safety Management and Hospital Crises- IHMC (Tehran, June-2013)
- 10) Lecturing on the National Plan for General Practitioners (Tehran, September-2013)
- 11) Lecturing on the National Comprehensive Plan for General Practitioners (Tehran, November-2013)
- 12) Attending Advanced Research Methods Workshop at the Shahid Beheshti University of Medical Sciences (Tehran, December-2013)
- 13) Participating and lecturing in the eighth Congress on Emergencies and Common pediatric diseases (Tehran, December-2013)
- 14) Participating and lecturing in the first Seminar on Emergency Medicine (Tehran, November-2013)
- 15) Participating and lecturing in the Basic and Advanced Resuscitation Workshop of Adults (Tehran, March-2013)
- 16) Participating and lecturing in the Basic and Advanced Resuscitation Workshop of Children (Tehran, March-2013)
- 17) Participating in the Occupational Medicine Program 1 and 2 (Karaj, May-2014)
- 18) Scientific secretary, participating and lecturing in the seminar on Safety Management and Hospital Crisis (Tehran, June-2014)
- 19) Participating in the Periodic Conference of Symptoms of Neurologic Diseases (Tehran, June-2014)
- 20) Participating and lecturing in the Periodic Conference of Shohaday-e-Tajrish Hospital (Tehran, July-2014)
- 21) Lecturing on the Adult CPR Program (Tehran, September-2014)
- 22) Scientific secretary, participating and lecturing in a one-day Scientific Conference on Hem-vigilance (Tehran, October-2014)
- 23) Participating and lecturing on Emergency Services 1(Tehran, October-2014)
- 24) Participating in the eighth annual Congress on Emergency Medicine (Tehran, December-2014)
- 25) Scientific secretary for Five Conferences on Resuscitation in the Fayyazbakhsh Hospital (Tehran, 2014)
- 26) Participating in the EDO Test Workshop by the Medical Faculty on "Designing Structured Questions" (Tehran, April-2015)
- 27) Participating in the Physical Resources Management and Medical Equipment in Treatment Centers (Tehran, July-2015)

- 28) Participating in the Professionalism Principles in Treatment Centers (Tehran, July-2015)
- 29) Participating in the Conference on the Latest Health Innovations (Tehran, July-2015)
- 30) Participating in the Conference on Human Resources Management in Treatment Centers (Tehran, July-2015)
- 31) Participating in the Emergency & Critical Care Ultrasound Workshop (Tehran, July-2015)
- 32) Participating in the Training Workshop of "Teaching method: Lecture and Teaching Basics" (Tehran, September-2015).
- 33) Participating in the Training Workshop of "Morning Report-Club Journal" (Tehran, September- 2015)
- 34) Participating in the Workshop for the Empowerment of Practitioners involved in Scientific Publications (Tehran, September-2015)
- 35) Participating and lecturing in the seminar on Improving Medical Information Process among Physicians and relevant Groups (Tehran, November-2015)
- 36) Participating in the ninth annual Congress on Emergency Medicine (Tehran, December-2015)
- 37) Scientific secretary, participating and lecturing in a one-day Scientific Conference on Poisoning with Monoxide Carbon and Industrial Gases (Tehran, January-2015)
- 38) Participating and lecturing in a one-day Scientific Conference on Ethical and Legal Observations in the Emergency Department (Tehran, February-2015)
- 39) Lecturing in the Virtual Retraining of Pain Management (2016)
- 40) Member of the administrative board, participating and lecturing in the tenth annual Congress on Emergency Medicine (Tehran, December-2016)
- 41) Participating in the Conference on Preventing Children's Harms and Deaths (Tehran, January-2016)
- 42) Participating in the PMP Workshop-Professors' Empowerment (Tehran, January-2016)
- 43) Participating in the 6th course "New college faculty familiarization with university" (Tehran, July 2017)
- 44) Participating in the empowerment workshop "Clinical Reasoning Training and Evaluation" (Tehran, June 2018)
- 45) Participating in the workshop "Scientific Reference Management in Endnote", Scientometrics and Publication Center (Tehran, June 2018)
- 46) Participating in the workshop "Searching in PubMed", Scientometrics and Publication Center (Tehran, June 2018)
- 47) Participating in the workshop "Systematic Review", Scientometrics and Publication Center (Tehran, June 2018)
- 48) Participating in the workshop "Ethics in Clinical Trials" (Tehran, June 2018)
- 49) Participating in the workshop "Qualitative Research for Evidence-Based Decision-Making" (Tehran, July 2018)
- 50) Giving a presentation at the "Trauma Patient Management" three-day seminar (July, 2018)
- 51) Giving a presentation on pain in the virtual educational program on the Continuing Medical Education System, Shahid Beheshti University of Medical Sciences (2018)
- 52) Participating, giving a presentation, and Scientific Committee membership at the 13th Iranian Congress of Emergency Medicine (October 2018)
- 53) Giving a presentation in the "Familiarity with Research Grants" workshop (January 2019)
- 54) Scientific Committee member, 14th Iranian Congress of Emergency Medicine (December 2019)

International Congresses, Workshops and Conferences:

- 1) Participating and presenting articles (Poster and Oral) in the 7th Mediterranean Emergency Medicine Congress (MEMC VII) (Marseille, September, 2013)
- 2) International Membership of the American Academy of Emergency Medicine (AAEM) (Since 2013)
- 3) Participating and presenting articles (Posters) in the 8th European Congress on Emergency Medicine
- 4) (EuSEM VIII) (Amsterdam., September, 2014)
- 5) Member of the American College of Emergency Medicine (ACEP) (Since 2014)
- 6) Participating in the Quality Improvement in Trauma Care Systems Workshop held by WHO (Tehran, June-2015)
- 7) Participating and presenting articles (Posters) in the 8th Mediterranean Emergency Medicine Congress (MEMC VIII) (Rome, September-2015)
- 8) Presenting articles (Posters) in the 9th Congress of the European Pain Federation (EFIC 2015) (Vienna, September-2015)
- 9) Participating in the Emergency Management of Mass Casualty Incidents Workshop (Tehran, November-2015)
- 10) Participating and presenting articles (Poster and Oral) in the 9th Asian Conference on Emergency Medicine (Antalya, November, 2017)

Activity in Medical Journals:

- 1) Executive Director in Emergency Journal
- 2) Deputy Editor Member in Journal of Police Medicine
- 3) Deputy Editor in Iranian Journal of Emergency Medicine
- 4) Deputy Editor in Advanced Journal of Emergency Medicine
- 5) Editorial Board Member in Journal of Emergency Practice and Trauma
- 6) Editorial Board Member of Bangladesh Journal of Pharmacology
- 7) Editorial Board Member in Journal of Medical Physiology
- 8) Reviewer in International Journal of High Risk Behaviors and Addiction
- 9) Reviewer in International Journal of Endocrinology and Metabolism
- 10) Reviewer in Western Journal of Emergency Medicine
- 11) Reviewer in Iranian Journal of Emergency Care
- 12) Reviewer in International Journal of Pediatrics
- 13) Reviewer in Archives of Trauma Research
- 14) Reviewer in BMC Emergency Medicine
- 15) Reviewer in Archives of Neuroscience
- 16) Reviewer in Trauma Monthly Journal

Manuscripts Published in Persian:

1) The Pattern of Antibiotic Resistance of Gram-Negative Bacilli Isolated from Patients' Respiratory Droplets Culture in Intensive Care Unit (Co-author)

(Iranian Journal of Infectious and Tropical Disease. 2011; 14(44): 39-43)

2) Preventive Measures for Blood Borne Disease by Emergency Medicine Residents (Co-author)

(Payesh. 2013; 11(5): 745-51)

3) Emergency nurses 'job satisfaction and its determinants (Co-author)

(Advances in Nursing & Midwifery. 2013; 23(80): 10-14)

4) Outcome of nonspecific abdominal pain in the discharged patients from the emergency department (co-author)

(Journal of Gorgan University of Medical Sciences. 2014; 16(2): 62-8)

5) Hospital and pre-hospital triage systems in disaster and normal conditions; a review article (Co-author)

(Iranian Journal of Emergency Medicine. 2014; 2(1): 2-10)

6) Failure Mode and Effect Analysis in Increasing the Revenue of Emergency Department (Co-author)

(Iranian Journal of Emergency Medicine. 2014; 2(1): 20-7)

7) Evaluation of Performance Indexes of Emergency Department (First author)

(Iranian Journal of Emergency Medicine. 2014; 2(1): 33-8)

8) Evidence Based Medicine; Simple Definition and Calculation of Accuracy, Sensitivity, and Specificity (First author)

(Iranian Journal of Emergency Medicine. 2015; 2(2): 105-7)

9) Patient satisfaction before and after executing health sector evolution plan (Corresponding author)

(Iranian Journal of Emergency Medicine. 2015; 2(3): 127-33)

10) Evidence Based Medicine; Positive and negative predictive values of diagnostic tests (Corresponding author)

(Iranian Journal of Emergency Medicine. 2015; 2(3): 147-9)

11) A Case of Lip Foreign Body; Introducing an Innovative Removal Method (Corresponding author)

(Iranian Journal of Emergency Medicine. 2015; 2(4): 182-4)

12) Evidence Based Medicine; Positive and Negative Likelihood Ratios of Diagnostic Tests (First author)

(Iranian Journal of Emergency Medicine. 2015; 2(4): 185-6)

13) Evidence Based Medicine; Pre and Post test Probabilities and Fagan's Nomogram (Corresponding author)

(Iranian Journal of Emergency Medicine. 2015; 3(1): 44-6)

14) Evidence Based Medicine; Receiver Operating Characteristic Curve and Area under the Curve (Corresponding author)

(Iranian Journal of Emergency Medicine. 2016; 3(3): 119-21)

15) Classification of Limping Causes in Children Referred to the Emergency Department; a Literature Review (Co-author)

(Iranian Journal of Emergency Medicine. 2017; 4(1): 4-8)

16) Evaluating the Correlation between Intratracheal Intubation Difficulty Scoring Systems and Anthropometric Factors of Individuals' Body; an Epidemiologic Study (Co-author)

(Iranian Journal of Emergency Medicine. 2017; 4(2): 68-73)

17) An epidemiological study on patients with chronic obstructive pulmonary disease in emergency department (co-author)

(Journal of Police Medicine, 8(2), 65-68)

18) One-year statistical analysis of the input and output of patients in the emergency department of Sina Hospital: A cross-sectional study (Corresponding author)

(Journal of Police Medicine, 8(2), 87-92)

19) Nasopharyngeal tube placement in emergency intubated patients with decreased consciousness with a new guidewire: a prospective randomized controlled trial

(Tehran Univ Med J 2020, 78(10): 678-683)

Manuscripts Published in English:

- 1) Minding the Prevention Protocol for Blood-Borne Diseases via EM Residents (Corresponding Author)**

(Trauma Mon. 2013; 18(1): 50-3. DOI: 10.5812/traumamon.9380)

- 2) Short-term outcome of elderly patients discharged from an emergency department (Co-Author)**

(J. Basic. Appl. Sci. Res., 2013, 3(8): 562-568)

- 3) Interpretation of Computed Tomography of the Head: Emergency Physicians versus Radiologists (Corresponding Author)**

(Trauma Monthly. 2013 Sep; 18(2): 86-9. DOI: 10.5812/traumamon.12023)

- 4) Discharge against medical advice in emergency department of a general hospital in Tehran (Co-Author)**

(Intl. Res. J. Appl. Basic. Sci. Vol., 2013; 5 (12): 1487-1490)

- 5) Hypokalemia Induced Abnormal Movement (First Author)**

(Trauma Monthly, 2013 December; 18(3): 141-144. DOI: 10.5812/traumamon.12016)

- 6) A 33-year-old woman with severe postpartum headache (Co-Author)**

(Emergency (2013); 1 (1): 27-29)

- 7) Emergency Department Performance Indexes Before and After Establishment of Emergency Medicine (Corresponding Author)**

(Emergency (2013); 1 (1): 20-23)

- 8) Utilization of Failure Mode and Effects Analysis (FMEA) Method in Increasing the Revenue of Emergency Department: a Prospective Cohort Study (Co-Author)**

(Emergency (2013); 1 (1): 1-6)

- 9) Spontaneous Spinal Epidural Hematoma; a Case Report (Co-Author)**

(Emergency (2014); 2(4): 183-185)

- 10) Posterior reversible encephalopathy syndrome as the first presentation of chronic kidney disease (Co-Author)**

(American Journal of Emergency Medicine, 32 (2014): 489.e1-489.e3. DOI: 10.1016/j.ajem.2013.11.013)

- 11) The Risk of Venous Thromboembolism with Different Generation of Oral Contraceptives; a Systematic Review and Meta-Analysis (First Author)**

(Emergency (2014); 2 (1): 1-11)

- 12) Atypical Presentation of Massive Pulmonary Embolism, a Case Report (Co-Author)**

(Emergency (2014); 2 (1): 46-47)

- 13) A 16-Year-Old Girl with Acute Onset Respiratory Distress (Co-Author)**

(Emergency (2014); 2 (1): 50-52)

14) Effects of Pain Relief on Arterial Blood O₂ Saturation (Corresponding Author)

(Trauma Mon, 2014 February; 19(1): e14034. DOI: 10.5812/traumamon.14034)

15) Correlation of Blood Gas Parameters with Central Venous Pressure in Patients with Septic Shock; a Pilot Study (First Author)

(Bull Emerg Trauma 2014; 2(2):77-81)

16) Clinical decision rule to prevent unnecessary chest X-ray in patients with blunt multiple traumas (Co-Author)

(Emergency Medicine Australasia, August 2014; 26(6): 561-566. DOI: 10.1111/1742-6723.12302)

17) Imaging-Based Diagnosis of Wernicke Encephalopathy: A Case Report (Co-Author)

(Trauma Mon. 2014 November; 19(4): e17403. DOI: 10.5812/traumamon.17403)

18) Comparing the Interpretation of Traumatic Chest X-Ray by Emergency Medicine Specialists and Radiologists (Corresponding Author)

(Archives of Trauma Research, 2014 November; 3(4): e22189. DOI: 10.5812/atr.22189)

19) Report of Nineteen Cerebral Vein Thrombosis Referrals to an Emergency Department a Case Series and Literature Review (Corresponding Author)

(Arch Neurosci. 2015 July; 2(2): e20552. DOI: 10.5812/archneurosci.20552)

20) Secondary Stroke despite Thrombolytic Administration; a Case Report (Co-Author)

(Arch Neurosci. 2015 January; 2(1): e17315. DOI: 10.5812/archneurosci.17315)

21) Ebola Hemorrhagic Fever as a Public Health Emergency of International Concern; a Review Article (Corresponding Author)

(Emergency (2015); 3 (1):3-7)

22) Description of a Working Day as a Senior Emergency Medicine Resident; Burning Candle at Both Ends! (First Author)

(Emergency (2015); 3 (1): 1-1)

23) Review of Toxoplasmic Encephalitis in HIV Infection; a Case Study (First Author)

(Arch Neurosci. 2015 April; 2(2): e20891. DOI: 10.5812/archneurosci.20891)

24) Meningioma induced Temporal Lobe Epilepsy; a Case Report (Co-Author)

(Arch Neurosci. 2015 April; 2(2): e21644. DOI: 10.5812/archneurosci.21644)

25) Galen Vein Thrombosis with Bilateral Thalamus Infarction; a Case Report (Co-Author)

(Arch Neurosci. 2015 April; 2(2): e19034. DOI: 10.5812/archneurosci.19034)

26) Recombinant Tissue Plasminogen Activator (rt-PA) Administration in Patients with Cerebrovascular Accident; a Case Series (Corresponding Author)

(Arch Neurosci. 2015 April; 2(2): e23315. DOI: 10.5812/archneurosci.23315)

27) Hyperkalemia-Induced Complete Heart Block (First Author)

(Journal of Emergency Practice and Trauma: Volume 1, Issue 1, 2015, p. 35-38. DOI: 10.15171/jept.2014.01)

28) Using risk factors to help in the diagnosis of acute myocardial infarction in patients with non-diagnostic electrocardiogram changes in emergency department (Co-Author)

(Journal of Emergency Practice and Trauma: Volume 1, Issue 1, 2015, p. 3-6. DOI: 10.15171/jept.2014.03)

29) Comparative evaluation of neonatal and obstetrics outcomes of labour between Iranian and Afghan ethnicities (Co-Author)

(Journal of Emergency Practice and Trauma: Volume 1, Issue 1, 2015, p. 19-21. DOI: 10.15171/jept.2014.0x)

30) Evidence Based Medicine; Part 1: Simple Definition and Calculation of Accuracy, Sensitivity and Specificity (First Author)

(Emergency (2015); 3 (2): 48-49)

31) Iranian emergency department overcrowding (First Author)

(Journal of Emergency Practice and Trauma (2015); 1 (2): 39)

32) Medical Journalism and Emergency Medicine (Corresponding Author)

(Emergency (2015); 3 (3): 83-86)

33) Evidence Based Medicine; Part 2: Positive and negative predictive values of diagnostic tests (Co-Author)

(Emergency (2015); 3 (3): 87-88)

34) Evidence Based Medicine; Part 3: Positive and Negative Likelihood Ratios of Diagnostic Tests (First Author)

(Emergency (2015); 3 (4): 170-171)

35) Intravenous Caffeine for the Treatment of Acute Migraine: a Pilot Study (First Author)

(Journal of Caffeine Research; Volume 5, Number 3, 2015; 125-129. DOI: 10.1089/jcr.2015.0004)

36) Validation of EGSYS Score in Prediction of Cardiogenic Syncope (Co-Author)

(Emerg Med Int. 2015;2015:515370. doi: 10.1155/2015/515370)

37) Tissue Plasminogen Activator; Literature Review (First Author)

(Arch Neurosci. 2016 January; 3(1): e30452. doi: 10.5812/archneurosci.30452)

38) Efficacy measurement of ketorolac in reducing the severity of headache (First Author)

(Journal of Emergency Practice and Trauma (2016); 1 (2): 39, DOI: 10.15171/jept.2015.18)

39) Evidence Based Medicine; Part 4: Pre and Post Test Probabilities and Fagan's Nomogram (Co-Author)

(Emergency (2016); 4 (1): 48-51)

40) The value of serum creatine kinase in predicting the risk of rhabdomyolysis-induced acute kidney injury: a systematic review and meta-analysis (Co-Author)

(Clinical and Experimental Nephrology 2016; 20(2); DOI: 10.1007/s10157-015-1204-1)

41) Intravenous fluids for migraine: A post-hoc analysis of clinical trial data (Co-Author)

(AmJ EmergMed (2016), <http://dx.doi.org/10.1016/j.ajem.2015.12.080>)

42) Predictive Value of Glasgow Coma Score and Full Outline of Unresponsiveness Score on the Outcome of Multiple Trauma Patients Admitted to the Emergency Department (First Author)

(Arch Iran Med. 2016 Mar;19(3):215-20. doi: 0161903/AIM.0011)

43) Intravenous Caffeine versus Intravenous Ketorolac for the Management of Moderate to Severe Migraine Headache (First Author)

(Bangladesh Journal of Pharmacology 11.2 (2016): 428-432. DOI: 10.3329/bjp.v11i2.26333)

44) Ventilator Weaning and Spontaneous Breathing Trials; an Educational Review (Co-Author)

(Emergency (2016); 4(2): 65-71)

45) Evidence Based Medicine; Part 5: Receiver Operating Curve and Area under the Curve (Co-Author)

(Emergency (2016); 4(2): 111-113)

46) Central Venous Pressure Monitoring; Introduction of a New Device (Co-Author)

(Emergency (2016); 4(2): 52-54)

47) The Role of Scoring Systems and Urine Dipstick in Prediction of Rhabdomyolysis-Induced Acute Kidney Injury; a Systematic Review (Co-Author)

(Iranian journal of kidney diseases 10.3 (2016): 101)

48) The Role of Caffeine in Pain Management: A Brief Literature Review (First Author)

(Anesth Pain Med. 2016; 6(3): e33193, DOI: 10.5812/aapm.33193)

49) Comparison of different risk stratification systems in predicting short-term serious outcome of syncope patients (Co-Author)

(Journal of Research in Medical Sciences 21.6 (2016))

50) Validation of CRASH Model in Prediction of 14-day Mortality and 6-month Unfavorable Outcome of Head Trauma Patients (Co-Author)

(Emergency (2016); 4(4): 196-201)

51) A Systematic Review of Iranian Experiences in Seismo-Nephrology (Co-Author)

(Archives of Trauma Research; e28796, DOI: 10.5812/atr.28796)

52) Hemodynamic Changes Following Routine Fluid Resuscitation in Blunt Trauma Patients (Co-Author)

(Trauma Mon. 2016; 21(4): e23682; DOI: 10.5812/traumamon.23682)

53) 20-Day Trend of Serum Potassium Changes in Bam Earthquake Victims with Crush Syndrome; a Cross-sectional Study (Co-Author)

(Emergency (2017); 5(1): e5)

54) Trends of Serum Electrolyte Changes in Crush syndrome patients of Bam Earthquake; a Cross Sectional Study (Co-Author)

(Emergency (2017); 5(1): e7)

55) The Prevalence of Personality Disorders among Emergency Nurses Based on MMPI-2 Questionnaire; a Cross-sectional Study (Co-Author)

(Emergency (2017); 5(1): e17)

56) The effect of haloperidol administration on relieving cluster headache in patients presenting to emergency department, probable role of dopaminergic pathway; a double blind clinical trial (Co-Author)

(Journal of Medical Physiology 2016; 2(1): 72-77)

57) The effect of fluid therapy on hemodynamic and venous blood gas parameters in patients with septic shock (Corresponding Author)

(Journal of Medical Physiology 2016; 2(1): 55-59)

58) Value of physiological scoring systems in prediction of long-term mortality in traumatic brain injury patients (Co-Author)

(Journal of Medical Physiology 2016; 2(1): 67-71)

59) Accuracy of SOFA Score in Prediction of 30-day Outcome of Critically ill Patients Journal: Turkish Journal of Emergency Medicine (Co-Author)

(Turkish Journal of Emergency Medicine; 16 (4); 2016: 146-150)

60) Prediction of Clinically Important Traumatic Brain Injury in Pediatric Minor Head Trauma; proposing Pediatric Traumatic Brain Injury (PTBI) Prognostic Rule (Co-Author)

(International Journal of Pediatrics (2017); 5(1): 4127-35)

61) Pregnancy Screening before Diagnostic Radiological Testing in Emergency Department; a Critical Review (Corresponding Author)

(Emergency (2017); 5(1): e60)

62) Correlation of Central Venous Pressure with Venous Blood Gas Analysis Parameters; a Diagnostic Study Journal: Turkish Journal of Emergency Medicine (Corresponding Author)

(Turkish Journal of Emergency Medicine; 17 (1); 2017: 7-11)

63) Hyoscine versus diazepam for the management of true vertigo in the emergency department (Co-Author)

(Bangladesh Journal of Pharmacology 12.2 (2017): 95-100. DOI: 10.3329/bjp.v12i2.29962)

64) Intranasal Desmopressin Compared with Intravenous Ketorolac for Pain Management of Patients with Renal Colic Referring to Emergency Department; a Randomized Clinical Trial (Co-Author)

(Anesthesiology and Pain Medicine 2017; 7(2): e43595. DOI: 10.5812/aapm.43595)

65) The Prevalence of Personality Disorders in Nurses; Role of the Workplace Environment (Corresponding Author)

(Journal of Emergency Practice and Trauma 2017; 3(2): 59-63. <http://dx.doi.org/10.15171/jept.2017.22>)

66) The use of emergency department services for non-emergency conditions (Co-Author)

(HealthMED 2017; 11(1): 3-9)

67) Intravenous caffeine citrate vs. magnesium sulfate for reducing pain in patients with acute migraine headache; a prospective quasi-experimental study (First Author)

(The Korean Journal of Pain 2017; 30(03): 176-182)

68) The value of Urinalysis in detection of Abdominal Organ Injuries in Children with Hematuria following Blunt Abdominal Trauma; a Diagnostic Study (Corresponding Author)

(International Journal of Pediatrics 2017; 5(11): 6103-10. DOI: 10.22038/IJP.2017.26125.2231)

69) Social Media; Resolving Tunnel Vision in Practicing Medicine (Corresponding Author)

(Electronic Physician 2018; 10(1): 6179-85, DOI: <http://dx.doi.org/10.19082/6179>)

70) Denosumab and Atypical Femoral Fractures: a Scoping Literature Review (Co-Author)

(Trauma Monthly 2018. 23(1): e42869. DOI: 10.5812/traumamon.42869)

71) Outcome of Trauma Patients Admitted to Emergency Department Based on Full Outline of Unresponsiveness Score (First Author)

(Advanced Journal of Emergency Medicine 2017. 1(1): e2. DOI: 10.22114/ajem.v1i1.1)

72) Current Medical Journalism Needs Major Revisions (First Author)

(Advanced Journal of Emergency Medicine 2018. 2(3): e26. DOI: 10.22114/ajem.v0i0.90)

73) A preliminary study of microRNA-208b after acute myocardial infarction: impact on 6-months survival (Co-Author)

(Disease Markers 2018. Volume 2018, Article ID 2410451, <https://doi.org/10.1155/2018/2410451>)

74) Thoracic Injury Rule out Criteria and NEXUS Chest in Predicting the Risk of Traumatic Intra-thoracic Injuries; a Diagnostic Accuracy Study (Co-Author)

(Injury 2018, 49 (5): 959-962. DOI: <https://doi.org/10.1016/j.injury.2018.01.031>)

75) Effects of Telestroke on thrombolysis times and outcomes: A meta-analysis (First Author)

(Prehospital Emergency Care 2018. 22(4): 472-484, DOI: <https://doi.org/10.1080/10903127.2017.1408728>)

76) Pain Management using Acupuncture Method in Migraine Headache Patients; a Single Blinded Randomized Clinical Trial (Corresponding Author)

(Anesthesiology and Pain Medicine Journal, 2018, 8 (6); e81688. doi: 10.5812/aapm.81688)

77) Value of Manchester Acute Coronary Syndromes Decision Rule in the Detection of Acute Coronary Syndrome; a Systematic Review and Meta-Analysis (Co-Author)

(Emergency, 2018, 6 (1); e61. doi: <https://doi.org/10.22037/emergency.v6i1.24027>)

78) Prevalence of Depression and Personality Disorders in the Beginning and End of Emergency Medicine Residency Program; a Prospective Cross Sectional Study (Co-Author)

(Archives of Academic Emergency Medicine, 2019, 7(1); e5)

79) Reducing Unnecessary CT Scanning in Head Trauma of Pediatric Patients: A Narrative Review (First Author)

80) The Role of Pre-Hospital Telecardiology in Reducing the Coronary Reperfusion Time; a Brief Report (Co-Author)

(Archives of Academic Emergency Medicine, 2019, 7(1); e15)

81) de-Winter syndrome; ST-T changes equivalent of acute myocardial infarction (Corresponding Author)

(Visual Journal of Emergency Medicine, 15 (2019):100571; <https://doi.org/10.1016/j.visj.2019.100571>)

82) Low-dose IV ketamine versus IV ketorolac in pain control of patients with acute renal colic in an emergency setting: a double-blind randomized clinical trial (Co-author)

(The Korean Journal of Pain, 2019; 32(2): 97-104; <https://doi.org/10.3344/kjp.2019.32.2.97>)

83) Diagnostic Value of Serum Neuron-Specific Enolase Level in Patients with Acute Ischemic Stroke; A Systematic Review and Meta-Analysis (Corresponding Author)

(International Clinical Neuroscience Journal, 2019;6(2):36-41 [doi:10.15171/icnj.2019.08](https://doi.org/10.15171/icnj.2019.08))

84) Accompanying pseudoaneurysm and distant necrotizing fasciitis in an IV drug user (Corresponding Author)

(Visual Journal of Emergency Medicine, 16(2019):100602; <https://doi.org/10.1016/j.visj.2019.100602>)

85) Clinical prediction rule for uncomplicated ureteral stone: The STONE score; a prospective observational validation cohort study (Corresponding Author)

(Turkish Journal of Emergency Medicine, 2019;19(3):91-95 <https://doi.org/10.1016/j.tjem.2019.04.001>)

86) Advantages and disadvantages of between unit hand-off policies in Iranian hospitals: a qualitative study (Corresponding Author)

(Hospital Practice, 2019;47(3):155-162 <https://doi.org/10.1080/21548331.2019.1646060>)

87) Correlation of dysoxia metabolism markers with trauma scoring systems in multiple trauma patients admitted to the emergency department: A cross-sectional observational study (Co-author)

(Archives of Trauma Research, 2019;8(1):11-16 https://doi.org/10.4103/atr.atr_88_18)

88) Out-of-hospital cardiac arrest diagnosis by emergency medical dispatchers; a diagnostic accuracy study (Corresponding Author)

(Australasian Journal of Paramedicine, 2019; 16, <http://dx.doi.org/10.33151/ajp.16.691>)

89) Pre-hospital pain management; a systematic review of proposed guidelines (Corresponding Author)

(Archives of Academic Emergency Medicine, 2019, 7(1); e55)

90) Pathophysiologic mechanisms, neuroimaging and treatment in wake-up stroke (Co-author)

(CNS Spectrums, 2019 <https://doi.org/10.1017/S1092852919001354>)

91) Cricoid pressure in combination with the BURP maneuver versus cricoid pressure alone to improve the glottic view in pediatric patients; an interventional study (Co-author)

(Acta Anesthesiologica Belgica, 2019, 70(2), 69-73)

92) Point-of-care ultrasound modalities in terms of diagnosing acute decompensated heart failure in emergency department; a diagnostic accuracy study (Co-author)

(Internal and Emergency Medicine; <https://doi.org/10.1007/s11739-019-02233-x>)

93) Validation of CRASH model in prediction of 14-day mortality and 6-month unfavourable outcome of pediatric traumatic brain injury (Co-author)

(International Journal of Pediatrics, 2019, 7(12): 10413-10422, DOI: 10.22038/IJP.2019.42931.3596)

94) The Effect of Extended-Focused Assessment with Sonography in Trauma Results on Clinical Judgment Accuracy of the Physicians Managing Patients with Blunt Thoracoabdominal Trauma (Corresponding Author)

(Arch Trauma Res 2019;8:207-13, DOI: 10.4103/atr.atr_57_19)

95) The Efficacy of Ketamine Administration in Prehospital Pain Management of Trauma Patients; a Systematic Review and Meta-Analysis (Corresponding Author)

(Archives of Academic Emergency Medicine, 2020, 8(1); e1)

96) A traumatic inferior shoulder dislocation; two-step maneuver for closed reduction (Corresponding Author)

(Visual Journal of Emergency Medicine, 18(2020):100694, <https://doi.org/10.1016/j.visj.2019.100694>)

97) Incomplete Brown-Séquard syndrome following cervical stab wound (Corresponding Author)

(Visual Journal of Emergency Medicine, 19(2020):100644, <https://doi.org/10.1016/j.visj.2019.100644>)

98) Accuracy of Stroke Diagnosis Using FAST (Face, Arm, Speech, Time) Tool by Emergency Medical Service Dispatchers and Technicians and its Impact on Transport Time (Corresponding Author)

(Archives of Neurosciences 7(1): e98691; DOI: 10.5812/ans.98691)

99) Intranasal versus Intramuscular/Intravenous Naloxone for Pre-hospital Opioid Overdose: A Systematic Review and Meta-analysis (Co-author)

(Advanced Journal of Emergency Medicine, 4(2):e27)

100) The Prehospital Ambulance Stroke Test vs. the Cincinnati Prehospital Stroke Scale: a diagnostic accuracy study

(Australasian Journal of Paramedicine 2020 (17); <https://doi.org/10.33151/ajp.17.784>)

101) Spatial Analysis of Geographic Distribution and Accessibility of Suspected Acute Stroke Patients Transferred to Acute Stroke Centers by Emergency Medical Services in Tehran, Iran: A Cross-Sectional Study

(Iranian Red Crescent Medical Journal: 22 (7); e101502 DOI : 10.5812/ircmj.101502)

102) Accuracy of the pre-hospital triage tools (qSOFA, NEWS, and PRESEP) in predicting probable COVID-19 patients' outcomes transferred by Emergency Medical Services

(Caspian J Intern Med 2020; 11(Suppl1): S536-543 DOI: 10.22088/cjim.11.0.536)

103) Accuracy of prehospital ambulance stroke test in terms of diagnosis of patients with acute ischemic stroke: A multi-center study

104) Antibody Rapid Test Results in Emergency Medical Services Personnel during COVID-19 Pandemic; a Cross Sectional Study

(Archives of Academic Emergency Medicine. 2021; 9(1): e2 DOI: <https://doi.org/10.22037/aaem.v9i1.993>)

105) The validity of recognition of stroke in the emergency room (ROSIER) scale in the diagnosis of Iranian patients with acute ischemic stroke in the emergency department

(Turkish Journal of Emergency Medicine. 2021;21(1):1-5 DOI:10.4103/2452-2473.301914)

106) A Review on Management of Pediatric Acute Ischemic Stroke

(Journal of Pediatrics Review. 2021;9(1):47-52 DOI: <http://dx.doi.org/10.32598/jpr.9.1.280.2>)

107) The Geographical Distribution of Probable COVID-19 Patients Transferred by Tehran Emergency Medical Services; a Cross Sectional Study

(Archives of Academic Emergency Medicine. 2021; 9(1): e2 DOI: <https://doi.org/10.22037/aaem.v9i1.993>)

108) Assessing the usefulness of instant feedback and the Hawthorne effect: an audit of time indexes of EMS missions in Tehran

(Australasian Journal of Paramedicine 2021 (18); <https://doi.org/10.33151/ajp.18.877>)

109) Ultrasonography indicators for predicting difficult intubation: a systematic review and meta-analysis

(BMC Emergency Medicine 2021; 21:76; <https://doi.org/10.1186/s12873-021-00472-w>)

110) A Multicenter Diagnostic Accuracy Study on Prehospital Stroke Screening Scales

(Arch Iran Med. 2021;24(6): 453-460. doi: 10.34172/aim.2021.65)

111) Risk Factors for Road Traffic Injury-Related Mortality in Iran; a Systematic Review and Meta-Analysis

(Archives of Academic Emergency Medicine. 2021; 9(1): e61. <https://doi.org/10.22037/aaem.v9i1.1329>)

Abstract Presentation in National Medical Congresses:

Designing Emergency Financial Integration Process Improvement Model (Poster)
(The 5th Annual Congress on Emergency Medicine, 2010-Tehran)

Interpretation of computed tomography of the head: emergency physicians versus radiologists (Poster)
(The 6th Annual Congress on Emergency Medicine, 2011- Tehran)

Evaluation of Hospital Performance Indicators of the Shohaday-e-Tajrish Hospital in 2012 (Poster)
(The 8th Annual Congress on Emergency Medicine, 2013, Tehran)

Hypokalemia Induced Abnormal Movement (Poster)
(The 8th Annual Congress on Emergency Medicine, 2013-Tehran)

Comparison of Complications of Tube Tracheostomy performed by the Emergency Medicine Residents and Surgical Residents in the Traumatic Patients in Hospitals affiliate to the Shahid Beheshti University of Medical Sciences (Poster)
(The 9th Annual Congress on Emergency Medicine, 2014-Tehran)

Comparison of Traumatic Chest X-Ray Interpretation between Emergency Medicine Specialists versus Radiologist (Poster)
(The 9th Annual Congress on Emergency Medicine, 2014-Tehran)

Recombinant Tissue Plasminogen Activator (rt-PA) Administration in Patients with Cerebrovascular Accident; a Case Series (Poster)
(The 9th Annual Congress on Emergency Medicine, 2014-Tehran)

Validation of EGSYS Score in prediction of cardiogenic syncope (Poster)
(The 10th Annual Congress on Emergency Medicine, 2015-Tehran)

Efficacy of Ketorolac in Reducing Pain in Patients with Primary Headache Presenting to the Emergency Department (Poster)
(The 10th Annual Congress on Emergency Medicine, 2015-Tehran)

Correlation of Central Venous Pressure with Venous Blood Gas Analysis Parameters; a Diagnostic Study (Oral)
(The 11th Annual Congress on Emergency Medicine, 2016- Tehran)

Predictive Value of Glasgow Coma Score and Full Outline of Unresponsiveness Score on the Outcome of Multiple Trauma Patients (Oral)
(The 11th Annual Congress on Emergency Medicine, 2016-Tehran)

Abstract Presentation in the International Medical Congresses:

Does Pain Affect Arterial Blood Saturation? (Poster Presentation)

(5th Mediterranean Emergency Medicine Congress, 2009 in Valencia, Spain)

A comparative study of head computed tomography interpretation between emergency physicians and radiologist (Oral Presentation)

(7th Mediterranean Emergency Medicine Congress, 2013 in Marseille, France)

Utilization of preventive instructions against blood-borne diseases among emergency residents (Oral Presentation)

(7th Mediterranean Emergency Medicine Congress, 2013 in Marseille, France)

Alarm Signs of HIV Infection (Poster Presentation)

(7th Mediterranean Emergency Medicine Congress, 2013 in Marseille, France)

Hypokalemia Induced Abnormal Movement (Poster Presentation)

(7th Mediterranean Emergency Medicine Congress, 2013 in Marseille, France)

The relation between oral contraceptive use and acute thromboembolic events (Poster Presentation)

(7th Mediterranean Emergency Medicine Congress, 2013 in Marseille, France)

Wernicke Encephalopathy Diagnosis Based on Imaging in Emergency Department; Case Study (Poster Presentation)

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam, Netherlands)

Utilization of Failure Mode and Effects Analysis Method in Increasing the Revenue of Emergency Department (Poster Presentation)

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam, Netherlands)

Postpartum Headache; Venous Thrombosis Presented with multiple hemorrhagic infarctions (Poster Presentation)

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam, Netherlands)

Posterior Reversible Encephalopathy Syndrome as the First Presentation of Chronic Kidney Disease (Poster Presentation)

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam, Netherlands)

Hyperkalemia Induced Complete Heart Block; Case Study (Poster Presentation)

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam, Netherlands)

**Emergency Department Performance Indexes Before and After Establishment of
Emergency Medicine (Poster Presentation)**

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam,
Netherlands)

**Effect of Oral Contraceptives on Incidence of Thrombotic Events; Meta-analytic
Systematic Review (Poster Presentation)**

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam,
Netherlands)

**Correlation of Blood Gas Parameters with Central Venous Pressure in the Setting of
Septic Shock; Pilot Study (Poster Presentation)**

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam,
Netherlands)

**Atypical Presentation of Massive Pulmonary Emboli; a Case Report (Poster
Presentation)**

(8th Congress of the European Society of Emergency Medicine, 2014 in Amsterdam,
Netherlands)

**Comparison of Four Score Coma Scale (Four Scales) and Glasgow Coma Scale (GCS)
in Anticipation of Traumatic Patient's Outcome (Oral Presentation)**

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

**Comparing the Interpretation of Traumatic Chest X-Ray by Emergency Medicine
Specialists and Radiologists (Oral Presentation)**

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

**Clinical Decision Rule to Prevent Unnecessary Chest X-Ray in Patients with Blunt
Multiple Traumas (Oral Presentation)**

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

**Comparative Assessment of Caffeine vs. Ketorolac Intravenous Administration Efficacy
in Acute Migraine Headaches without Aura (Oral Presentation)**

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

**Recombinant Tissue Plasminogen Activator Administration in Patients with
Cerebrovascular Accident; a Case Series (Oral Presentation)**

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

**Report of Nineteen Cerebral Vein Thrombosis Referrals to an Emergency Department
a Case Series and Literature Review (Poster Presentation)**

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

Evaluation of Performance Indexes of Emergency Department (Poster Presentation)

(8th Mediterranean Emergency Medicine Congress, 2015 in Rome, Italy)

**Comparative Assessment of Caffeine vs. Ketorolac Intravenous Administration Efficacy
in Acute Migraine Headaches without Aura (Oral Presentation)**

(9th Congress of the European Pain Federation EFIC, 2015 in Vienna, Austria)

Value of physiological scoring systems in prediction of long-term mortality in traumatic brain injury patients

(11th Congress of the European Society of Emergency Medicine, 2017 in Athens, Greece)

Predictive Value of Glasgow Coma Score and Full Outline of Unresponsiveness Score on the Outcome of Multiple Trauma Patients Admitted to the Emergency Department (Oral Presentation)

(9th Asian Conference on Emergency Medicine, 2017 in Antalya, Turkey)

Correlation of Central Venous Pressure with Venous Blood Gas Analysis Parameters; a Diagnostic Study (Oral Presentation)

(9th Asian Conference on Emergency Medicine, 2017 in Antalya, Turkey)

The role of caffeine in pain management (Oral Presentation)

(9th Asian Conference on Emergency Medicine, 2017 in Antalya, Turkey)

Intravenous caffeine citrate vs. magnesium sulfate for reducing pain in patients with acute migraine headache; a prospective quasi-experimental study (Poster Presentation)

(9th Asian Conference on Emergency Medicine, 2017 in Antalya, Turkey)

The Prevalence of Personality Disorders among Emergency Nurses Based on MMPI-2 Questionnaire (Poster Presentation)

(9th Asian Conference on Emergency Medicine, 2017 in Antalya, Turkey)

Neuroimaging-Guided Thrombolytic Treatment in Wake-Up Stroke: A Literature Review

(Annual Meeting Abstracts: 2020 Science Highlights; Neurology. 2020; 94 (15 Supplement))
(Available from: https://n.neurology.org/content/94/15_Supplement/127.abstract)

Supervisor Professor for Emergency Medicine Residency Theses:

- 1) A Comparison of Four Score Coma Scale and Glasgow Coma Criteria in predicting the outcome of Traumatic Patients (Dr. Masoume Shokravi, 2014)
- 2) Comparing the Effectiveness of Invasive and Non-invasive Measures in Controlling Septic Shock in Emergency Wards (Dr. Sima Rahim-Taleghani, 2015)
- 3) An Investigation of Emergency Medicine Assistants' Use of Online Electronic Sources and Virtual Social Pages to Promote Education Level (Dr. Fateme Hosseini, 2016)
- 4) An Investigation of Factors Affecting the prognosis of patients with ischemic infarcts Presenting to the Emergency Ward; a Systematic and Meta-Analysis Review (Dr. Elham Najmi, 2017)
- 5) An Investigation of Measures Affecting the Acceleration of Patients with Stroke; a Systematic and Meta-Analysis Review (Dr. Leila Rahimpur, 2017)
- 6) External Validation of STONE Score in Patients with Urinary Tract Stone Referring to Emergency Department of Sina Hospital in Tehran (Dr. Mojdeh Mirzadeh-2018)
- 7) Monitoring and evaluation of the research activities of the Emergency Medicine Department of Tehran University of Medical Sciences (Dr. Asghar Tavakoli - 2019)
- 8) Evaluation of Ischemic CVA Diagnostic Sensitivity and specificity Using DWI Method of MRI Imaging by Emergency Medicine Attending of Sina Hospital (Dr. Mohammad Sadegh Vahedi - 2019)
- 9) Investigating the role of urine test in predicting intra-abdominal injury in hospitalized patients affiliated to Tehran University of Medical Sciences (Dr. Seyed Mohammad Eftekhari-2019)
- 10) The validity of PreHAST criteria for diagnosis of patients with stroke transferred to the emergency department by pre-hospital emergency personnel (Dr. Somayeh Karimi - 2019)
- 11) The validity of ROSIER criteria for diagnosis of patients with stroke transferred to the emergency department by pre-hospital emergency personnel (Dr. Mehdi Zangi - 1398)
- 12) Evaluation of death in patients with head trauma requiring hospitalization and its effective factors in Sina Hospital (Dr. Sohail Rafiee - 2019)
- 13) The value of clinical criteria for the diagnosis of fracture of thoracic and lumbar vertebrae compared to CT scan in patients visiting the emergency department of selected hospitals affiliated with Tehran University of Medical Sciences (Dr. Somayyeh Maqsoodi Goodarzi, 2020)

Advisor Professor for Emergency Medicine Residency Theses:

- 1) A Comparative Investigation of the Efficacy of Intravenous Ketorolac and Caffeine in Controlling Acute Migraine Headaches without Aura (Dr. Sara Arab-Bafrani, 2014)
- 2) Evaluating the Accuracy of the Clinical Prognosis of Patients with Traumatic Brain Injury in Patients Presenting to the Imam Hossein and Shohaday-e-Tajrish Hospitals (Dr. Mahnaz Amanat, 2015)
- 3) An Investigation of the Concurrent Effects of Factors of Risk Assessment Procedures in Syncope Prognosis (Dr. Ladan Mirmohseni, 2015)
- 4) Supervising the Resident Theses on Emergency Medicine, Shahid Beheshti University of Medical Sciences from 2004-2013 (Dr. Arash Seyedabadi, 2015)
- 5) An Investigation into the Causes of Lack of Proper Control of Acute Pain in the Emergency Department and the Effects of the Treatment Cadre on Controlling it Appropriately (Dr. Maryam Janati, 2015)
- 6) An Investigation of Predisposing Factors of Seizures in Patients Presenting to Training Hospitals of Shahid Beheshti University of Medical Sciences in 2013 and 2014 (Dr. Shide Alavi, 2015)
- 7) An Investigation of Mood Disorders in the Emergency Department Nurses in Comparison to Other Wards in Training Hospitals affiliate to the Shahid Beheshti University of Medical Sciences (Dr. Sahar Mirbaha, 2015)
- 8) An Investigation of Causes Why Non-Emergency Cases Use the Imam Hossein Hospital's Emergency Department Services from July 2014 To July 2015 (Dr. Marzieh Maleki, 2015)
- 9) An Investigation of Correlation between Abdominal CT Findings with the Findings of Urinalysis in Children with Hematuria from Blunt Abdominal Trauma (Dr. Anahita Saedi, 2015)
- 10) Calculation of Medical Expenses of Victims of Traffic Accidents in the Shohaday-e-Tajrish Center in 2014 (Dr. Mohamad Doosti, 2016)
- 11) An Examination of Depression, Anxiety, and Stress in First Year Residents of the Emergency Medicine and its Comparison with the time They Reach Year Three (Dr. Rouzbeh Khosravi-Rad, 2016)
- 12) An Investigation of Trauma Patients' Prognosis Presenting to The Shahid Beheshti University Emergency Units based on TRISS Criterion (Dr. Feras Agha, 2016)

- 13) An Investigation of Triage in Hospitals affiliate to the Shabhid Beheshti University of Medical Sciences and its Comparison with Standards (Dr. Kamelia Hemmat, 2016)
- 14) An Investigation of the Amount of Aspirin Resistance in Patients Undergoing Cardiac Chest Pain (Dr. Houshang Purbahram, 2016)
- 15) An Examination of micro-RNA 122,21 Level in Determining the Prognosis of Patients with Heart Failure (Dr. Maryam Mohammadi, 2016)
- 16) An Examination of TIRC Criteria Verification in Predicting the Need for CXR in Patients with Multiple Traumas (Dr. Fatemeh Radfar, 2016)
- 17) The Effect of Periosteal Blocks efficacy in Reducing Patients' Pain with Distal radius and ulna fracture compared with Intravenous morphine (Dr. Shadi Ashtari, 2017)
- 18) Comparing the accuracy of ultrasonographic measurement of inferior vena cava diameter with corrected flow time in carotid artery during volume change in patients undergoing dialysis presenting to Sina Hospital (Dr. Sadra Kordbacheh, 2017)
- 19) Investigating the severity and determination of the prevalence of neurological and non-neurological complaints in MS patients referring to the emergency department of Sina Hospital (Dr Parniaz Dadlani -2019)
- 20) Evaluation of the effect of intravenous metocarbamol + morphine in comparison with intravenous diazepam + morphine in reducing pain in patients referred to the emergency department with a complaint of back pain (Dr.M. Sharifi - 2019)
- 21) Investigating predictive factors of outcomes in patients with upper gastrointestinal bleeding and comparing them with previous predictive models (Dr. Mehrnoush Aligholi Zohraei - 1398)
- 22) The accuracy of the Clinical Chemistry Score (CCS) system in patients presenting with chest pain and visiting the emergency department of Sina Hospital (Dr. Niknaz An'amzadeh, 2021)

Supervisor Professor for Medical Internship Theses:

- 1) The Link Between Birth Control Pills and Phenomena of Acute Thromboembolic (Dr. Poulin Haroutonian, 2013)
- 2) An Evaluation of Performance Indicators in the Shohadaye-e-Tajrish Hospital's Emergency Wards (Dr. Niloofar Rahimi-Rad, 2013)
- 3) Comparison of Invasive and Non-Invasive Criteria in Assessing Hypovolemic Shock (Dr. Fariba Amini, 2014)
- 4) Assessing the Effects of Prescribing Opioid Analgesics on Arterial Blood Oxygen Saturation in Trauma Patients Presenting to The Imam Hussein Hospital's Emergency Department (Dr. Azade Sharifian, 2015)
- 5) Examining the Effectiveness of Intravenous Caffeine in Controlling Acute Migraine Headaches without Aura (Dr. Nazanin Behnaz, 2015)
- 6) Examining the Effectiveness of Intravenous ketorolac in Reducing the Severity of Headaches of Patients Presenting to the Emergency Department (Dr. Sadegh Hasani Satehi, 2016)
- 7) Comparing the Therapeutic Effects of Magnesium Sulfate Intravenous Caffeine in Reducing the Headaches of Patients with Acute Migraine Attack Presenting to the Emergency Department (Dr. Saman Rostam-Beigi, 2016)
- 8) Examining the Changes in Central Venous Oxygen Saturation after Fluid Resuscitation in Patients with Septic Shock Presenting to the Emergency Department (Dr. Elnaz Rezaie, 2016)
- 9) Investigating the Outcome of Thrombolytic Therapy in Patients with Stroke Presenting to the Shohaday-e-Tajrish Emergency Centre (Dr. Maryam Oraee Yazdani, 2016)
- 10) Statistical analysis of the input and output of patients in the emergency department of Sina Hospital (Dr. Parvin Kalhor-2018)
- 11) Sonographic factors predicting difficult intubation - a systematic review study (Dr. Fatemeh Hosseinkhani - 2019)
- 12) The diagnostic accuracy of the Melbourne Ambulance Stroke Screen (MASS) for patients suspicious of acute ischemic stroke transferred by pre-hospital emergency personnel (Dr. Arezoo Ahmadpour Nodehi, 2019)
- 13) The efficiency of the PreHAST criterion compared to the Cincinnati criterion for diagnosing stroke in patients suspicious of acute ischemic stroke visiting the emergency department (Dr. Zeinab Dalvand, 2019)

- 14) The external validity of the FAST criterion for diagnosing acute ischemic stroke in patients transferred by pre-hospital emergency personnel (Dr. Mahdiah Kiani, 2019)

Curriculum Vitae

Advisor Professor for Medical Internship Theses:

- 1) Investigating the Diagnostic Values of Abdominal CT Scans in Patients with Patients with Blunt Abdominal Trauma and Hematuria (Faraz Zandye, 2012)
- 2) Investigating the Factors Affecting the Emergence of Cerebral venous thrombosis in Patients Presenting to the Emergency Department of Shohaday-e-Tajrish Medical Center (Dr. Zahra Sadat Hamed, 2014)
- 3) Investigating the Reasons Why Patients Presenting to the Emergency Department File Complaints (Dr. Hussein Gholam Alipur, 2015)
- 4) Comparing the Patients' chest radiograph interpretation between Emergency Medicine Specialists and Radiology Specialists (Dr. Samane Hosseini, 2015)
- 5) Comparing the Satisfaction of the people Presenting to the Shohaday-e-Tajrish Center Before and After the Establishment of Health Care Reform Plan (Cr. Mohamad Reza Tarkhorani, 2015)
- 6) Clinical Audit for the Accreditation of the emergency unit in the Shohaday-e-Tajrish Hospital based on International Standards (Dr. Fateme Kaghazchi, 2015)
- 7) Comparing the Effects of Intravenous Magnesium and Ketorolac in Controlling Acute Migraine Headaches in Patients Presenting to the Shohaday-e-Tajrish Hospital's Emergency Unit in 2014-2015 (Dr. Samane Hajimolla-Rabi, 2015)
- 8) Investigating the Trend of Potassium Ions Changes in Patients with Traumatic Syndrome in Bam Quake (Dr. Hamid Reza Mohamadi Hamane, 2015)
- 9) Investigating the effectiveness of Intravenous Magnesium in Controlling the Headaches of Patients with Acute Migraine Attacks (Dr. Shahin Mohseni, 2017)
- 10) Investigating the Changes in venous blood gas analysis following rehydration in Patients with Septic Shock Presenting to the Emergency Department (Dr. Sasan Seifi, 2017)
- 11) Investigating the Degree of Agreement between Interns and Radiologists on the Interpretation of Neck X-ray (Milad Habibi, 2017)
- 12) Comparing the effectiveness of fentanyl and ketamine at a sub-dissociative dose along with haloperidol in reducing acute pain in adult patients visiting the emergency department of Sina Hospital in 2018 and 2019 (Mohammad Mobin Moradi, 2020)
- 13) A retrospective study of the difference between the results of Focused Assessment with Sonography for Trauma (FAST) scan and abdominal CT scan in the outcomes of

patients with abdominal trauma in Sina, Shariati, and Imam Khomeini hospitals in 2019-2020 (Elaheh Kord Afshar, 2020)

- 14) The ease and success of NG intubation with BOWDEN WIRE for patients with tracheal tube in Sina Hospital in 2019 (Mojtaba Mokhlesian, 2020)
- 15) Doctors' attitude towards brain dead patients and saving their organs for transplantation in Sina Hospital (Seyed Alireza Mirkarimi, 2020)

Curriculum Vitae

Research Projects as Administrator:

- 1) Comparing the Four Point and Glasgow Coma Criteria in Predicting the Outcome of Traumatic Patients (Shohaday-e-Tajrish Clinical Research Developmental Center, 2014)
- 2) Comparative study on the Effectiveness of and Intravenous Ketorolac and Caffeine in Controlling Acute Migraine Headaches without Aura (Shohaday-e-Tajrish Clinical Research Developmental Center, 2014)
- 3) Comparison of the satisfaction of People Presenting to the Shohaday-e-Tajrish Medical Center Before and after the Establishment of Healthcare Reform Plan (Shohaday-e-Tajrish Clinical Research Developmental Center, 2015)
- 4) Comparison of the effectiveness of Invasive and Non-Invasive Criteria in Controlling Septic Shock in Emergency Departments (Shohaday-e-Tajrish Clinical Research Developmental Center, 2016)
- 5) Comparing the Traumatic patient's chest radiograph interpretation between emergency Medicine Specialists and Radiology Specialists (Shohaday-e-Tajrish Clinical Research Developmental Center, 2016)
- 6) Examining the way Emergency Medicine Assistants use Electronic Sources and Virtual Social Pages to Promote the Education Level (Shohaday-e-Tajrish Clinical Research Developmental Center, 2017)
- 7) The role of enolase in determining the prognosis of patients with acute ischemic stroke presenting to the emergency department: a systematic review and meta-analysis (Tehran University of Medical Sciences 2018).
- 8) The role of tele-stroke in speeding diagnosis of patients with ischemic stroke: a systematic review and meta-analysis (Tehran University of Medical Sciences 2018).
- 9) Sonographic factors predicting difficult intubation: A systematic review (Tehran University of Medical Sciences) (98-02-30-39262)
- 10) The accuracy of the ROSIER criterion alone and in combination with D-dimner for diagnosing patients with stroke in the emergency department (Tehran University of Medical Sciences) (97-03-30-38950)
- 11) The accuracy of the PreHAST criterion for diagnosing patients with stroke transferred to the emergency department by pre-hospital emergency personnel (Tehran University of Medical Sciences) (97-03-30-38623)

- 12) The efficiency of the PreHAST criterion compared to the Cincinnati criterion for diagnosing stroke in patients suspicious of acute ischemic stroke visiting the emergency department (Tehran University of Medical Sciences) (98-01-30-41597)
- 13) The diagnostic accuracy of the Melbourne Ambulance Stroke Screen (MASS) in patients suspicious of acute ischemic stroke transferred by pre-hospital emergency personnel (Tehran University of Medical Sciences) (98-01-30-41597)
- 14) The accuracy of the RACE criterion for diagnosing patients with stroke transferred to the emergency department by pre-hospital emergency personnel (Tehran University of Medical Sciences) (98-01-30-41417)
- 15) Geographical distribution of patients with acute stroke contacting the Tehran Pre-hospital Emergency Center, and the geographical access of these patients to acute stroke service-providing centers (Tehran University of Medical Sciences, Industry Relations) (98-01-159-41182)
- 16) Examining the accuracy and comparing nine clinical criteria for diagnosing patients with stroke transferred to the emergency department by pre-hospital emergency personnel (Tehran University of Medical Sciences, Industry Relations) (98-02-159-53571)
- 17) The effect of immediate auditing and feedback on reducing the duration of missions performed by emergency technicians in Tehran (Tehran University of Medical Sciences, Industry Relations) (98-02-159-43572)
- 18) External validity of the FAST criterion for diagnosing acute ischemic stroke in patients transferred by pre-hospital emergency personnel Tehran University of Medical Sciences) (98-02-30-43157)
- 19) The effect of notifying by pre-hospital emergency personnel on the time of visit, allocation of facilities, and outcome of patients referred to the emergency department (Tehran University of Medical Sciences, Industry Relations) (98-03-159-43604)
- 20) Presenting a model-based decision support system for re-locating ambulances in the emergency system by considering workload limitation (Tehran University of Medical Sciences, Industry Relations) (98-03-159-43606)
- 21) Epidemiology, predicting factors, and prevalence of non-transferred cases in the missions of Tehran Emergency Center (Pre-hospital and Hospital Emergency Research Center) (98-3-243-43600)

- 22) The effects of different cardiopulmonary resuscitation methods on the attitude, knowledge, and skills of emergency technicians of Tehran Emergency Center (Pre-hospital and Hospital Emergency Research Center) (98-3-243-45347)
- 23) Factors affecting the contraction of COVID-19 by the medical emergency personnel (Pre-hospital and Hospital Emergency Research Center) (99-1-243-47994)
- 24) The workload resulting from the COVID-19 pandemics for the personnel of Tehran Emergency Center (Pre-hospital and Hospital Emergency Research Center) (99-1-243-47993)
- 25) COVID-19 antibody titer in confirmed cases of SARS-CoV-2 among medical emergency technicians compared to other technicians (Pre-hospital and Hospital Emergency Research Center) (99-1-243-47992)
- 26) The frequency of COVID-19 evidence in patients transferred by pre-hospital emergency personnel (Sama Code) in a two-month period (Pre-hospital and Hospital Emergency Research Center) (99-1-243-47991)

Research Projects as Colleagues:

- 1) Investigating the Observance of Blood-borne Preventive Measures and Identification of Possible Barriers to it by The Emergency Medicine Assistants in the Imam Hussein Emergency Department in 2010 (Safety Promotion and Injury Prevention Research Center, 2011)
- 2) Measuring the Personality Dimensions of Nurses Working in the Emergency Department compared to other Departments and Wards in Training Hospitals, Shahid Beheshti University of medical Sciences (Loghman Clinical Research Developmental Center, 2016)
- 3) Investigating the Verification of Nexus Chest Criteria in Determining Traumatic Patients requiring Chest X-ray (Shohaday-e-Tajrish Clinical Research Developmental Center, 2016).
- 4) Determining Treatment Cost of Victims of Traffic accidents in the Shohaday-e-Tajrish Training and Treatment Centre in 2014 (Shohaday-e-Tajrish Clinical Researches Development Center, 2016)
- 5) Investigating the accuracy of the Prognosis Model of Patients with Traumatic Brain Injury Presenting to the Imam Hossein and Shoahaday-e-Tajrish Hospitals (Shohaday-e-Tajrish Clinical Research Developmental Center, 2016)
- 6) Investigating the Diagnostic Power of miR-208b Measurement in Predicting the Outcome of Major Myocardial Infarction in patients suffering from Heart Failure (Imam Hossein Clinical Research Developmental Center, 2016)
- 7) Auditing and Formative Promotion of the Electronic System of the Journal Management, Shahid Beheshti University of Medical Services (Shohaday-e-Tajrish Clinical Research Developmental Center, 2017)
- 8) Assessing the role of GABAergic neural precursor cells Transplant in Reducing Neuropathic Pain Resulting from Spinal Cord Injury in Animal Models; a Systematic and Meta-Analysis Review (Foundation of Martyrs and Veterans' Affairs Studies and Researches Center)
- 9) Diagnostic Value of thoracic injury rule out criteria as a Decision-Making tool in Classifying Children with multiple Trauma; a Tool for Reducing the number of unnecessary Chest X-rays (Shohaday-e-Tajrish Clinical Research Developmental Center, 2017)

- 10) Comparing Glasgow Coma and Physiologic Rating Criteria in Predicting In-hospital Mortality of Traumatic Patients (Shohaday-e-Tajrish Clinical Research Developmental Center, 2017)
- 11) Investigating the effectiveness of Optic Nerve Sheath diameter in ultrasonography for the diagnosis of intracranial pressure; a Systematic and Meta-Analysis Review (Shohaday-e-Tajrish Clinical Research Developmental Center, 2017)
- 12) Comparing the Verification of two Predictive Criteria of Canadian C-Spine and NEXUS in Screening the Cervical Spine Injuries in Trauma Patients (Iranian National Research Development Institute of Medical Sciences, 2017)
- 13) Job satisfaction of emergency medicine specialists and its relationship with personality type in Tehran and Alborz provinces (Tehran University of Medical Sciences)
- 14) The accuracy of complete urinalysis in predicting intra-abdominal injury compared to CT scan among in-patients suspicious of abdominal injury visiting emergency department (Tehran University of Medical Sciences)
- 15) The value of physiological scoring criteria in predicting intra-hospital mortality among trauma patients: A systematic review and meta-analysis (Iran University of Medical Sciences)
- 16) Comparing the values of two prognostic models of CRASH and IMPACT in predicting mortality and adverse outcomes in patients with head trauma: A systematic review (Iran University of Medical Sciences)
- 17) Comparative examination of the final outcome of patients transported by air and land transfer in pre-hospital emergency centers of Iran in 2017 and 2018 (Iran University of Medical Sciences)
- 18) Prevalence of various types of workplace violence and factors contributing to it among Tehran emergency ambulance personnel in 2019 (Iran University of Medical Sciences)
- 19) The effect of pre-hospital prescription of hypertonic saline on the outcome of patients with head trauma with reduced consciousness (Iran University of Medical Sciences)
- 20) The effect of pre-hospital ECG on reducing the mortality rate of patients with acute myocardial infarction transferred to Rasul Akram Hospital by Tehran Emergency Center in 2017 (Iran University of Medical Sciences)
- 21) Occupational burnout and job stress and their relationship with quality of life in pre-hospital personnel in Tehran (Iran University of Medical Sciences)

- 22) The advantages and disadvantages of the motor-ambulance system in Tehran (Iran University of Medical Sciences)
- 23) The accuracy of the FAST of Tehran Emergency Center dispatchers and technicians in diagnosing acute stroke and factors affecting accurate diagnosis (Iran University of Medical Sciences)
- 24) Clinical auditing of trauma patients with an experience documentation approach in the pre-hospital emergency system (Iran University of Medical Sciences)
- 25) The challenges of the medical emergency system from the viewpoint of medical emergency technicians and academicians: A qualitative study (Iran University of Medical Sciences)

Curriculum Vitae