

**CURRICULUM VITAE**

**REZA AZIZKHANI**

**CONTACT INFORMATION**

**Work Address:**

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**Associate Professor of Emergency Medicine**

Alzahra General Hospital  
School of Medicine  
Isfahan University of Medical Sciences  
Isfahan, Iran

## **EMPLOYMENT HISTORY**

**(2008-Present) Faculty Member, Emergency Medicine**  
Isfahan University of Medical Sciences  
School of Medicine  
Isfahan, Iran

## **EDUCATIONAL BACKGROUND**

**2008 Iranian Board Certified in Emergency Medicine**  
(Iranian Ministry of Health and Education)

**2008 Certified in Emergency Medicine as a Specialist**  
(Tehran University of Medical Sciences, Iranian Ministry  
of Health and Education)

**2005- 2008 Resident of Emergency Medicine**  
(Tehran University of Medical Sciences)

**1996- 2003 Undergraduate Studies and Internship in Medicine**  
**(Medical Doctor)**  
(Isfahan University of Medical Sciences)

## **PROFESSIONAL EXPERIENCE**

**(2015-Present) Associate Professor of Emergency Medicine**  
(Isfahan University of Medical Sciences)

**(2015-Present) Member of Publications Council, School of Medicine**  
(Isfahan University of Medical Sciences)

**(2013-Present) Board Member of Emergency Medicine Residency Exams Committee**  
(Iranian Ministry of Health and Education)

**(2012-Present) Head of The Emergency Medicine Department**  
(Isfahan University of Medical Sciences)

**(2010-Present) Board Member of Emergency Medicine Residency Exams Committee**  
(Isfahan University of Medical University)

**(2010-Present) Member of Emergency Department Management Committee**  
(Alzahra General Hospital, Isfahan, Iran)

**(2009-2010) Director of Emergency Medicine Residency Educational Program**  
(Isfahan University of Medical Sciences)

- (2008-2015) Assistant Professor of Emergency Medicine (Faculty Member)**  
(Isfahan University of Medical Sciences)
- (2008) Member of Implementation Team for Starting (ESI 4) Triage System**  
(Hospitals of Isfahan University of Medical Sciences)
- (2010-2012) Reviewer of Iranian Journal of Medical Education**  
(Alzahra General Hospital, Isfahan, Iran)
- (2008-2015) Reviewer of the Journal of Advanced Biomedical Research (ABR)**

**TEACHING EXPERIENCE**

- 2015 QUALITY IMPROVEMENT IN TRAUMA CARE SYSTEMS**  
(TEHRAN, RAZI CONFERENCE, IRAN)
- 2014 APPROACH TO CASES WITH NEAR-DROWNING**  
(FOR SUPERVISOR NURSES OF ISFAHAN PROVINCE)
- 2014 PRIMARY AND SECONDARY SURVEY IN ATLS**  
(FOR SUPERVISOR NURSES OF ISFAHAN PROVINCE)
- 2014 APPROACH TO THE PATIENT WITH THE LOSS OF CONSCIOUSNESS**  
(FOR SUPERVISOR NURSES OF ISFAHAN PROVINCE)
- 2013-2014 PRINCIPLES OF HYPERTENSION TREATMENT IN EMERGENCY**  
(FOR EMERGENCY MEDICINE RESIDENTS AT ISFAHAN UNIVERSITY OF MEDICAL SCIENCES)
- 2009-2012 ACUTE CORONARY SYNDROMES**  
(FOR UNDERGRADUATE MEDICAL STUDENTS AT EMERGENCY MEDICINE ROTATION, ISFAHAN UNIVERSITY OF MEDICAL SCIENCES)
- 2009-2012 BASIC LIFE SUPPORT**  
(FOR UNDERGRADUATE MEDICAL STUDENTS AT EMERGENCY MEDICINE ROTATION, ISFAHAN UNIVERSITY OF MEDICAL SCIENCES) AND (FOR POST GRADUATED MEDICAL DOCTORS AS CMES PROGRAMS)
- 2009-2012 ADVANCED CARDIAC LIFE SUPPORT**  
(FOR UNDERGRADUATE MEDICAL STUDENTS AT EMERGENCY MEDICINE ROTATION, ISFAHAN UNIVERSITY OF MEDICAL SCIENCES) AND (FOR POST GRADUATED MEDICAL DOCTORS AS CMES)

PROGRAMS)

- 2010-2013**      **PRINCIPLES OF MANAGING TRAUMATIC PATIENTS**  
(FOR UNDERGRADUATE MEDICAL STUDENTS  
AT EMERGENCY MEDICINE ROTATION,  
ISFAHAN UNIVERSITY OF MEDICAL SCIENCES) AND  
(FOR POST GRADUATED MEDICAL DOCTORS AS CMEs PROGRAMS)
- 2010-2011**      **ALCOHOL TOXICITY**  
(FOR POST GRADUATED MEDICAL DOCTORS AS CMEs PROGRAMS)  
AND (FOR INTERNAL MEDICINE RESIDENTS, ISFAHAN UNIVERSITY  
OF MEDICAL SCIENCES)
- 2010-2011**      **IMPLEMENTATION OF TRIAGE SYSTEM (ESI4)**  
(FOR SUPERVISOR NURSES AND DOCTORS OF ALL HOSPITALS OF  
ISFAHAN PROVINCE AND CHAHAR MAHAL PROVINCE)
- 2010-2011**      **SPINAL TRAUMA**  
(FACULTY OF NURSING, ISFAHAN UNIVERSITY OF MEDICAL  
SCIENCES)
- 2010-2012**      **PRINCIPLES OF PATIENTS TRANSFER**  
(INTRA-HOSPITAL AND INTER-HOSPITAL)  
(FOR POST GRADUATED MEDICAL DOCTORS AS CMEs PROGRAMS)
- 2010-2011**      **PRINCIPLES OF ORTHOPEDIC INJURIES AND THEIR**  
**MANAGEMENTS IN EMERGENCY DEPARTMENTS**  
(FOR POST GRADUATED MEDICAL DOCTORS AS CMEs PROGRAMS)
- 2010-2012**      **DROWNING AND NEAR DROWNING**  
(FOR POST GRADUATED MEDICAL DOCTORS AS CMEs PROGRAMS)
- 2009**              **EMERGENCY MEDICINE FOR DENTISTS**  
(FOR POST GRADUATED DENTISTS AS A CMEs PROGRAM)

#### **SHORT COURSES AND WORKSHOPS**

- 2015**      **Quality Improvement in Trauma Care System**  
World Health Organisation, Tehran, Iran
- 2013**      **Evidence Based Medicine**  
Isfahan University of Medical Sciences
- 2012**      **Multiple Approaches in Education**  
Isfahan University of Medical Sciences
- 2011**      **Communication Skills in Education**  
Isfahan University of Medical Sciences

## CONFERENCE PRESENTATIONS (POSTERS/ORAL)

### **1-Bedside Ultrasonography of Optic Nerve versus Ophthalmoscopy for Predicting Elevated Intra Cranial Pressure**

*Conference:* The 8th Mediterranean Emergency Medicine Congress  
Rome (Italy), 2015; (Lecture)

*Authors:* K. Golshani, M. Ebrahim Zadeh, B. Masoumi, R. Azizkhani

### **2-The Relationship between Risk Factors of Head Trauma with CT Scan Findings in Children with Minor Head Trauma Admitted to Hospital**

*Conference:* The 8th Mediterranean Emergency Medicine Congress  
Rome (Italy), 2015; (Poster)

*Authors:* B. Masoumi, K. Golshani, R. Azizkhani, A. Omrani Nava, M. Khatami

### **3-Mediastinitis Due to Esophageal Rupture**

*Conference:* The 8th Mediterranean Emergency Medicine Congress  
Rome (Italy), 2015; (Poster)

*Authors:* B. Masoumi, B. Farzaneh, K. Golshani, R. Azizkhani, K. Heidari

### **4-A Comparative Study of the Effects of Intravenous Morphine and Ketorolac on the Pain Control in Patients with Long Bones Fractures**

*Conference:* The 8th Mediterranean Emergency Medicine Congress  
Rome (Italy), 2015; (Poster)

*Authors:* K. Golshani, M. Ebrahim Zadeh, B. Masoumi, R. Azizkhani

### **5-Relations between Iranian Society of Emergency Medicine and Other International Emergency Physicians' Societies**

*Conference:* The 9th Annual National Congress of Emergency Medicine  
Tehran, IRAN, 2014; (Lecture)

*Presented with:* K. Golshani

### **6-A Comparison between the Effects of Simple and Traction Splints on Pain Intensity in Patients with Femur Fractures**

*Conference:* The 8th Annual National Congress of Emergency Medicine  
Tehran, IRAN, 2013; (Poster)

*Authors:* Reza Azizkhani, Nariman Sadeghi, Alireza Irajpour

### **7-Comparing the Analgesic Effect of Intravenous Acetaminophen and Morphine on Patients with Renal Colic Pain Referring to the Emergency Department: A Randomized Controlled Trial**

*Conference:* The 8th Annual National Congress of Emergency Medicine  
Tehran, IRAN, 2013; (Poster)

*Authors:* Reza Azizkhani, Mehdi Pourafzali, Babak Masoumi

### **8-New Cut-Off Point for Inferior Vena Cava Collapsibility Index in Predicting Traumatic Patients with Low Cvp Measures**

*Conference:* The 7th Mediterranean Emergency Medicine Congress  
Marseille, France, 2013; (Poster)

Authors: *Keihan Golshani, Shahradsaj Tajoddini, Reza Azizkhani*

**9-The Evaluation of Emergency Medicine Establishment in the Promotion of Quality Indices**

*Conference:* The 7th Mediterranean Emergency Medicine Congress  
Marseille, France, 2013; (Poster)

Authors: *Reza Azizkhani, Keihan Golshani, Babak Masoumi*

**10-Metoclopramide versus Sumatriptan for Emergency Department Treatment of Migraine Headache**

*Conference:* The 7th Mediterranean Emergency Medicine Congress  
Marseille, France, 2013; (Lecture)

Authors: *Reza Azizkhani, Keihan Golshani, Babak Masoumi, Saeed Talebi (IR)*

**11-Post Discharge Instructions, Necessary Elements in Patients**

*Conference:* Second Annual National Congress of Patient Education  
Tehran, IRAN, 2013; (Poster)

Authors: *Faculty Members of Emergency Department of Isfahan Medical University*

**12-Post Graduating Emergency Medicine Course for General Practitioners and Its Outcomes on Patients' Care in Emergency Departments**

*Conference:* The Seventh European Emergency Medicine Congress  
Antalya, Turkey, 2012; (Poster)

Authors: *Keihan Golshani, Reza Azizkhani, Shahradsaj Tajeddini, Mehrdad Esmailian*

**13-Emergency Department Work Index and National Emergency Department Overcrowding Scale: Which one is Valid for Measuring Alzahra Emergency Department Overcrowding?**

*Conference:* The Sixth Mediterranean Emergency Medicine Congress  
Kos, Greece, 2011; (Lecture)

Authors: *Keihan Golshani, Pegah Poormorshed, Simin Rahim Malek, Reza Azizkhani*

**14-Burn-out among Emergency Medicine Residents and Practitioners in Iran: A National Survey**

*Conference:* The Fifth Mediterranean Emergency Medicine Congress  
Valencia, Spain, 2009; (Poster)

Authors: *Gh. Sadeghipour, A. Basirnia, R. Azizkhani*

**15-Updates of CPR**

*Conference:* Third Annually National Congress of Emergency Medicine  
Tehran, IRAN, 2008; (Lecture)

Author: *Reza Azizkhani*

**JOURNAL PAPERS**

1-*Azizkhani.R, Esmailian.M, Golshani.M.*

**"Rectal Thiopental versus Intramuscular Ketamine in Pediatric Procedural Sedation and Analgesia; a Randomized Clinical Trial", *Emergency*, 2, 2014.**

- 2-Azikhani.R, Kanani.S, Sharifi.A, Golshani.K, Masoumi.M, Ahmai  
**"Oral Chloral Hydrate Compare with Rectal Thiopental in Pediatric Procedural Sedation and Analgesia; a Randomized Clinical Trial"**, Emergency, 2(2), PP(85-89), 2014.
- 3-Azikhani.R, Forghani.M, Maghami.M, Masoumi.M  
**"The Effects of injections of warmed bicarbonate- buffered Lidocaine as a painkiller for patients with trauma"**, J Inj Violence Res, PP(1-2), 2013.
- 4-Ahmadi.O, Azikhani.R, Basravi.M .  
**"Correlation between workplace and occupational burnout syndrome in nurses"**  
 Advanced Biomedical Research, PP(1-4), 2014.
- 5-Derakhshanfar.H, Azikhani.R, Masoumi.M, Hashempour.A, Amini.A.  
**" The demographics and outcome of patients with penetrating abdominal trauma admitted to emergency medicine department: A descriptive cross-sectional study"**. Advanced Biomedical Research, Vol 2, Issue 2, PP(1-3), 2013.
- 6-Azikhani.R, Pourafzali.M, Balochestani.E, Masoumi.M .  
**"Comparing the analgesic effect of intravenous acetaminophen and morphine on patients with renal colic pain referring to the emergency department: A randomized controlled trial."** Journal of Research in Medical Sciences, PP(772-776), 2013.
- 7-Talebi.S, Masoumi.B, Azikhani.R, Esmailian.M .  
**" Metoclopramide versus sumatriptan for treatment of migraine headache: A randomized clinical trial"** Journal of Research in Medical Sciences, PP(695-698), 2013.
- 8-Nejati.A, Khalaj.S, Azikhani.R, Sharryarian.Sh, Kolahdouzan.M, Hosseini.S.  
**"Evaluating validity of clinical criteria for requesting chest X-rays in trauma patients referred to emergency room."** Advanced Biomedical Research, Vol 1, Issue 1, PP(1-5), 2012.
- 9-Irajpour.A, Sadeghi.K, Nazari.F, Azikhani.R, Hassanzadeh.A .  
**"A comparison between the effects of simple and traction splints on pain intensity in patients with femur fractures."** Iranian Journal of Nursing and Midwifery Research, Vol 17, Issue 7, PP(530-533), 2012.
- 10-Shirani.F, Salehi.R, Emami.A, Azikhani.R, Gholamrezaee.A.  
**"The effects of hypotension on differences between the results of simultaneous venous and arterial blood gas analysis."** JRMS, Vol 16, No 2, PP(188-194), 2011.
- 11-Jalil.M, Azikhani.R. **"Lead toxicity resulting from chronic ingestion of opium."** West J Emerg Med, 10(4), PP(244-246), 2009.
- 12-Taslimi.R, Azikhani.R, Talebian.M, Abtahi.H, Jalili.M, Nejati.A, Labaf.A.  
**"The efficacy of intensive glucose management on hospitalized critically ill patients associated mortality rate in intensive care unit"** DARU, Vol 17, No 3, PP(157-161), 2009.

## **BOOKS**

- 2015**                    **Principles of Cast and Splint in Emergency Department**  
(Author)
- 2014**                    **The Patient Discharge Orders**  
(Author)
- 2013**                    **The Latest Updates of Resuscitation**  
(Author)
- 2012**                    **Principles of CPR**  
(Translator to Persian)
- 2012**                    **Policy and Procedures in Emergency Department**  
(Author)
- 2012**                    **Principles of Pre Hospital Emergency Transportation**  
(Author)
- 2011**                    **Practical Teaching in Emergency Medicine**  
(Translated to Persian)
- 2010**                    **Emergency Management of Trauma Patient**  
(Translated to Persian)
- 2009**                    **5 Minutes Emergency Medicine** (Toxicology and Environmental section)  
(Translated to Persian)

## **THESES SUPERVISION**

- 2014**                    Rectal Thiopental versus Intramuscular Ketamine in Pediatric  
Procedural Sedation and Analgesia –Alzahra Hospital
- 2014**                    Oral Chloral Hydrate Compare with Rectal Thiopental in Pediatric  
Procedural Sedation and Analgesia; a Randomized Clinical Trial
- 2013**                    The Comparison of Pain Scores during the Injection of Three  
Different Forms of lidocaine Local Anesthesia for Wound  
Management in Patients with Trauma: Warmed Lidocaine versus  
Lidocaine with Bicarbonate versus Warmed Lidocaine with  
Bicarbonate at Al-zahra Hospital, Emergency Department
- 2012**                    Comparing the Analgesic Effect of Intravenous Acetaminophen  
and Morphine on Patients with Renal Colic Pain Referring to the  
Alzahra hospital Emergency Department



- 2011** Correlation between Workplace and Occupational Burn-out Syndrome in Nurses
- 2011** A Comparison between the Effects of Simple and Traction Splints on Pain Intensity in Patients with Femur Fractures

#### **HONORS, PRIZES AND AWARDS**

- 2014** **POST DISCHARGE INSTRUCTION FORMS**  
(Iranian Ministry of Health and Education, Vice-chancellery of Clinical Affairs)
- 2013** **Award for Designing New Approach in Improvement of General Practitioner Skills in ER**  
(At the 6<sup>th</sup> National Shahid Motahari Educational Festival, Isfahan, IRAN)
- 2011** **Award for Designing an Optimal Process in Emergency Undergraduate Education in ER**  
(At the 4th National Shahid Motahari Educational Festival, Isfahan, IRAN)

#### **LANGUAGE ABILITIES**

Persian (Mother Tongue)  
English (Fluent)

#### **HOBBIES**

Sports (Hiking)  
Reading (Philosophy)