

**CURRICULUM VITAE
KEIHAN GOLSHANI**

CONTACT INFORMATION

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IRAN

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CURRENT STATUS

Assistant Professor of Emergency medicine at Isfahan University of Medical Sciences (Faculty member)

(Department of Emergency Medicine, Alzahra General Hospital, School of Medicine, Isfahan University of Medical Sciences.)

Deputy Director of research at the Emergency Medicine Department of Isfahan University of Medical Sciences

EDUCATIONAL BACKGROUND

- 2009** **Iranian Board Certified in Emergency Medicine**
(Iranian Ministry of Health and Education)
- 2009** **Iranian Certified in Emergency Medicine as a Specialist**
(Tehran University of Medical Sciences, Iranian Ministry of Health and Education)
- 2006- 2009** **Resident of Emergency Medicine**
(Tehran University of Medical Sciences)
- 1988- 1995** **Undergraduate and Internship in Medicine (Medical Doctor)**
(Azad University of Medical Sciences)

SHORT COURSES & WORKSHOPS

- 2017** **ADVANCED TRAUMA LIFE SUPPORT INSTRUCTOR COURSE**
- 2016** **AMERICAN HEART ASSOCIATION ACLS INSTRUCTOR COURSE**
- 2016** **AMERICAN HEART ASSOCIATION BLS INSTRUCTOR COURSE**
- 2016** **AMERICAN HEART ASSOCIATION ACLS PROVIDER COURSE**
- 2016** **AMERICAN HEART ASSOCIATION BLS PROVIDER COURSE**
- 2016** **EVIDENCE BASED MEDICINE WORKSHOP**
- 2016** **SPSS WORKSHOP**
- 2016** **RESEARCH WORKSHOP**
- 2015** **COMMUNICATION SKILLS WORKSHOP FOR HELPING WEAK STUDENTS WHO ARE PRONE TO FAIL THE COURSE AND MODULE**
- 2015** **HOW TO WRITE A TEACHING SCHEDULE**
- 2015** **TEACHING SKILLS (LEVEL 1)**
- 2013** **Advanced Trauma Life Support (ATLS 9)**
American college of surgeons, Tehran
- 2012** **Advanced Medical writing in English**
- 2011** **HOW TO WRITE AND EDIT THE TEACHING ACTIVITIES OF FACULTY MEMBERS OF THE MEDICAL UNIVERSITY**
- 2011** **ADVANCED EMERGENCY ULTRASOUND**
FAAEM & EUSEM. Kos, Greece
- 2010** **Advanced Trauma Life Support (ATLS 8)**
American college of surgeons, Singapore
- 2009** **Emergency Ultrasound**
FAAEM & EUSEM. Valencia, Spain

PROFESSIONAL EXPERIENCES

- (2017- Present)** **Member of International Emergency Medicine Committee**
- (2017- 2017)** **Member of Scientific Committee at 9th Mediterranean Congress of Emergency Medicine**

- (2015- Present) Deputy Director of research at the Emergency Medicine Department of Isfahan University of Medical Sciences**
- (2013- Present) Editor of Journal of Practice and Trauma (jept.ir)**
- (2013- Present) Representative of Iranian Society of Emergency Medicine (ISEM) at IFEM**
- (2013- Present) Reviewer at journal of advanced biomedical research**
- (2012- Present) Consultant expert at Forensic Medicine Organization**
- (2012- Present) Consultant expert at Isfahan Branch of Iranian Medical Council**
- (2010- Present) Member of Scientific Committees at Annual Iranian Congresses of Emergency Medicine**
- (2009- Present) Assistant Professor of Emergency Medicine (Faculty Member) (Isfahan University of Medical Sciences)**
- (2009- 2015) Deputy Director of Emergency Medicine Residency educational Program (Isfahan University of Medical Sciences)**
- (2011- Present) Board Member of Emergency Medicine Residency Exams Committee at Isfahan University of Medical University**
- (2010- 2014) Member of Emergency Department Management Committee (Alzahra General Hospital, Isfahan, IRAN)**
- (2010- 2014) Member of Patients' Safety Committee (Alzahra General Hospital, Isfahan, IRAN)**
- (2010- 2014) Secretary of Bed Management Committee (Alzahra General Hospital, Isfahan, IRAN)**
- (2010- 2012) Member of Quality Managing Committee (Alzahra General Hospital, Isfahan, IRAN)**
- (2010-2011) Member of implementation team for starting (ESI 4) Triage System (at Hospitals of Isfahan University of medical sciences)**
- (2008- 2009) Member of implementation team for starting Emergency Medicine program (Isfahan University of medical sciences)**

EMPLOYMENT HISTORY

- (2009- Present) Faculty member of Emergency Medicine (Isfahan University of Medical sciences)**

RESEARCH PROJECTS

**Bedside Critical Ultrasonography
Pain Management**

TEACHING EXPERIENCE

- 2017** **CERTIFIED ATLS INSTRUCTOR**
- 2016** **CERTIFIED AHA ACLS INSTRUCTOR**
- 2016** **CERTIFIED AHA BLS INSTRUCTOR**
- 2016** **PERIPHERAL NERVE BLOCK AT EMERGENCY DEPARTMENT**
(FOR EMERGENCY MEDICINE RESIDENTS AT ISFAHAN
UNIVERSITY OF MEDICAL SCIENCES)
- 2016** **BASIC AND ADVANCED BEDSIDE ULTRASONOGRAPHY**
(FOR IRANIAN EMERGENCY MEDICINE SPECIALISTS AT 2ND
NATIONAL IRANIAN ULTRASONOGRAPHY WORKSHOP)
- 2016** **MONITORING CLINICALLY ILL PATIENTS**
(FOR EMERGENCY MEDICINE RESIDENTS AT ISFAHAN
UNIVERSITY OF MEDICAL SCIENCES)
- 2016** **APPROACH TO CHEST TRAUMA**
(FOR BASIC AND ADVANCED EMS TECHNICIANS)
- 2016** **APPROACH TO ABDOMINAL AND PEIVIC TRAUMA**
(FOR BASIC AND ADVANCED EMS TECHNICIANS)
- 2016** **APPROACH TO DECREASED LEVEL OF CONSCIOUSNESS**
(FOR UNDERGRADUATE MEDICAL STUDENTS AND INTERNS
AT EMERGENCY MEDICINE ROTATION)
- 2016** **eFAST**
(FOR SENIOR RESIDENTS OF SURGERY AT ISFAHAN UNIVERSITY
OF MEDICAL SCIENCES)
- 2015** **ATLS**
(FOR UNDERGRADUATE MEDICAL STUDENTS AND INTERNS
AT EMERGENCY MEDICINE ROTATION)
- 2014** **APPROACH TO CASES WITH NEAR- DROWNING**
(FOR SUPERVISOR NURSES OF ISFAHAN PROVINCE)

- 2014** **HYPOTHERMIA**
(FOR SUPERVISOR NURSES OF ISFAHAN PROVINCE)
- 2014** **HYPERTHERMIA**
(FOR SUPERVISOR NURSES OF ISFAHAN PROVINCE)
- 2013, 2014** **ADVANCED BEDSIDE ULTRASONOGRAPHY**
(FOR EMERGENCY MEDICINE RESIDENTS AT ISFAHAN
UNIVERSITY OF MEDICAL SCIENCES)
- 2012, 2013** **eFAST**
(FOR SENIOR RESIDENTS OF SURGERY AT ISFAHAN UNIVERSITY
OF MEDICAL SCIENCES)
- 2013** **BEDSIDE CRITICAL ULTRASONOGRAPHY**
(FOR FELLOWSHIPS OF ICU AT ISFAHAN UNIVERSITY OF
MEDICAL SCIENCES)
- 2012, 2013** **PRINCIPLES OF ULTRASONOGRAPHY IN EMERGENCY
DEPARTMENT**
(FOR RESIDENTS OF EMERGENCY MEDICINE AT ISFAHAN
UNIVERSITY OF MEDICAL SCIENCES)
- 2013** **BEDSIDE CRITICAL ULTRASONOGRAPHY**
(FOR FELLOWSHIPS OF ICU 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- 2012** **FLUID AND ELECTROLYTES DISTURBANCES**
(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 (Prehospital, In hospital
And Between Hospitals)**
(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 AT CME PROGRAM)

A) CONFERENCES

Syncope as a brief transient loc

Conference: 11th Annually National Congress of Emergency Medicine. Tehran,
IRAN, 2016; (Speech)

Authors: Keihan Golshani

Thrombocytopenia in third trimester of pregnancy

Conference: International congress of emergency medicine, 2016, Cape Town, South
Africa, Speaker: Keihan Golshani

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

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

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

Vascular Emergencies in Emergency Departments

Conference: 8th Annually National Congress of Emergency Medicine. Tehran, IRAN, 2013; (Speech)

Authors: Keihan Golshani

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

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

New cut-off point for Inferior Vena Cava Collapsibility Index in predicting traumatic patients with low CVP measures

Conference: The Seventh Mediterranean Emergency Medicine Congress. Marseille, France, 2013; (Poster)

Authors: Keihan Golshani, Shahradsajjad Tajoddini, Reza Azizkhani

An Innovation of a method for evaluating of emergency department design

Conference: The Seventh Mediterranean Emergency Medicine Congress. Marseille, France, 2013; (Poster)

Authors: Keihan Golshani, Azadeh Javaherpour, Babak Masoumi

The evaluation of emergency medicine establishment in the promotion of quality indices

Conference: The Seventh Mediterranean Emergency Medicine Congress. Marseille, France, 2013; (Poster)

Authors: Reza Aziz Khani, Keihan Golshani, Babak Masoumi

Metoclopramide versus sumatriptan for emergency department treatment of migraine headache

Conference: The Seventh Mediterranean Emergency Medicine Congress. Marseille, France, 2013; (Speech)

Authors: Reza Aziz Khani, Keihan Golshani, Babak Masoumi, Saeed Talebi (IR)

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, Shahradsajjad Tajedini, Mehrdad Emailian

Presence of Family members in CPR room

Conference: Seventh Annually National Congress of Emergency Medicine. Tehran, IRAN, 2012; (Speech)

Authors: Keihan Golshani

Teaching Emergency Medicine Residents in a Crowded Emergency department

Conference: Sixth Annually National Congress of Emergency Medicine. Tehran, IRAN, 2011; (Speech)

Authors: Keihan Golshani

News in CPR according to the 2010 AHA Guideline

Conference: Sixth Annually National Congress of Emergency Medicine. Tehran, IRAN, 2011; (Speech)

Authors: Faculty members of Emergency department of Isfahan medical university

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; (Speech)

Authors: keihan Golshani, Pegah PoorMorshed, Simin Rahim Malek, Reza azizkhani

Bradydysrhythmia

Conference: Fifth Annually National Congress of Emergency Medicine. Tehran, IRAN, 2010; (Speech)

Authors: Faculty members of Emergency department of Isfahan medical university

ICH in Idiopathic Thrombocytopenic Purpura

Conference: 13th International Conference on Emergency Medicine (ICEM 2010). Singapore, 2010; (Poster)

Authors: keihan Golshani, Marjan Golshani, Amir Nejati

Weblog, a new technique for interpersonal communication

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

Authors: Keihan Golshani, Mohammad Farnia, Amir Nejati, Gholamreza

Sadeghipour roodsari

CPR

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

Authors: Keihan Golshani

B) JOURNAL PAPERS

Global initiative for methicillin-resistant *Staphylococcus aureus* pneumonia (GLIMP): an international, observational cohort study
Aliberti, Stefano et al.-The Lancet Infectious Diseases , Volume 16 , Issue 12 , 1364 - 1376

Diagnostic validity of ultrasonography in evaluation of pulmonary thromboembolism
A Abootalebi, K Golshani, M Karami, B Masoumi... - Advanced biomedical research, 201

Metoclopramide versus Sumatriptan for Emergency Department Treatment of Migraine Headache
RA Khani, K Golshani, B Masoumi, S Talebi - Journal of Emergency Medicine, 2014

Bedside Ultrasonography versus Brain Natriuretic Peptide in Detecting Cardiogenic Causes of Acute Dyspnea
K Golshani, M Esmailian, A Valikhany, M Zamani - Emergency, 2014

Bedside Ultrasonography versus Brain Natriuretic Peptide in Detecting Cardiogenic Causes of Acute Dyspnea
K Golshani, M Esmailian, A Valikhany, M Zamani - Emergency, 2016

Golshani, Keihan, Ziba Farajzadegan, and Fariborz Khorvash. "*Diagnostic Accuracy of Optic Nerve Ultrasonography and Ophthalmoscopy in Prediction of Elevated Intracranial Pressure.*" *Emergency* 3 (2014).

Zamani, Majid, Mehrdad Esmailian, Maryam Sadat Mirazimi, Maede Ebrahimian, and Keihan Golshani. "Cause and Final Outcome of Trauma in Patients Referred to the Emergency Department; a Cross Sectional Study." *Iranian Journal of Emergency Medicine* 1, no. 1 (2014).

Azizkhani, Reza, et al. "Oral Chloral Hydrate Compare with Rectal Thiopental in Pediatric Procedural Sedation and Analgesia; a Randomized Clinical Trial." *Emergency* 2.2 (2014): pp-85.

Azizkhani, Reza, Mehrdad Esmailian, and Keihan Golshani. "Rectal Thiopental versus Intramuscular Ketamine in Pediatric Procedural Sedation and Analgesia; a Randomized Clinical Trial." *Emergency* 2 (2014).

Keihan, Golshani, Ali Mirbod, Mehdi Karami, Shirin Akbari, Alireza Abootalebi, and Ehsan Hajzargarbashi. "The effect of fluid therapy on the inferior vena cava collapsibility index determined by ultrasonography." *Advanced Biomedical Research, under publish*

Nejati, Amir, Reza Shariat Moharari, Haleh Ashraf, Ali Labaf, and Keihan Golshani. "Ketamine/Propofol Versus Midazolam/Fentanyl for Procedural Sedation and Analgesia in the Emergency Department: A Randomized, Prospective, Double-Blind Trial." *Academic Emergency Medicine* 18, no. 8 (2011): 800-806.

Taslimi, Reza, and Keihan Golshani. "Thrombotic and hemorrhagic presentation of congenital hypo/afibrinogenemia." *American Journal of Emergency Medicine, The* 29, no. 5 (2011): 573-e3.

Nejati, Amir, Keihan Golshani, Maziar Moradi Lakeh, Patricia Khashayar, and Reza Shariat Moharari. "Ketamine improves nasogastric tube insertion." *Emergency Medicine Journal* 27, no. 8 (2010): 582.

C) BOOKS

- 2014** **THE PATIENT DISCHARGE ORDERS FROM EMERGENCY DEPARTMENT**
(ME AS AN AUTHOR)
- 2013** **THE LATEST UPDATES OF RESUSCITATION**
(ME AS AN AUTHOR)
- 2011** **Practical Teaching in Emergency Medicine**
(Me as a Translator for Translation to Persian)
- 2012** **Principles of CPR**
(Me as a Translator for Translation to Persian)

THESES SUPERVISION

- 2016** **Evaluating and Comparing Diagnostic value of D-Dimer and (A-a) Gradient in patients with Pulmonary Embolism**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2014** **Diagnostic value of Internal jugular vein collapsibility index in Acute decompensated heart failure comparison with finding of echocardiography and P-BNP level in patient with dyspnea**
Supervisors: Keihan Golshani (me as Supervisor)

Place: Isfahan, IRAN

- 2014** **A comparison between ultrasonography of chest and BNP level in differentiating cardiac from non cardiac causes of dyspnea**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2013** **A comparison between CT scan imaging and ophthalmic examination prognostic values in patients with elevated intracranial pressure**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2012** **Assessment of Relation Between Intra-abdominal Pressure and Collapsibility Index of Inferior Vena Cava by Emergency Ultrasonography Before and After Fluid Therapy**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2012** **The Cutoff Point for Caval Index and Its Correlation With Central Venous Pressure and Plasma Lactate Level for Assessing Patients in Hypovolemic Hemorrhagic States**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2012** **“Bedside Ultrasonography of Chest Versus Pulmonary Artery CT Angiography in the Patients Who Came to Emergency Department of Alzahra General Hospital With Respiratory Symptoms and Signs in Favor of Pulmonary Thromboemboli.”**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2012** **Comparison of measuring optic diameter size by bedside ultrasonography and the findings in Brain CT scan for Ruling out rising intracranial pressure**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2011** **Evaluation of the prevalence of dysfibrinogenemia in patients with GI bleeding in Emergency Department of Alzahra General Hospital and Shahid Sadughi of Yazd.**
Supervisors: Keihan Golshani (me as Supervisor)
Place: Isfahan, IRAN
- 2010** **Evaluation and comparing of Visual analog score, National Emergency Overcrowding scale and Emergency department Work index for measuring overcrowding in Emergency**

department of Alzahra General Hospital.

Supervisors: Keihan Golshani (me as Supervisor)

Place: Isfahan, IRAN

HONORS, PRIZES AND AWARDS

- 2016** **ORDER OF INTERNATIONAL FEDERATION FOR EMERGENCY MEDICINE (FIFEM)**
- 2013** **THIRD PLACE IN CPC COMPETITION**
(AT The Seventh Mediterranean Emergency Medicine Congress, Marseille, France, 2013)
- 2013** **Awards for designing an accepted process**
(At 6th National Shahid Motahari Educational Festival, Isfahan, IRAN)
- 2012** **Awards for designing an accepted process**
(At 5th National Shahid Motahari Educational Festival, Isfahan, IRAN)
- 2011** **Awards for designing an optimal process**
(At 4th National Shahid Motahari Educational Festival, Isfahan, IRAN)

LANGUAGE ABILITIES

Persian,
French (DELF & DALF)
English

COMPUTER ABILITIES

Computer Driving License

RESEARCH INTERESTS

Emergency Ultrasonography
Pain Management in Emergency Department
Emergency Department Management