



Name: Fatemeh Rezaei

Postal address: Isfahan University of Medical Sciences, Faculty of management and medical informatics, Isfahan, Iran

Email address: f.rezaei.ms@gmail.com

Google scholar: https://scholar.google.com/citations?user=Dtc85_cAAAAJ&hl=en

Web of Science ResearcherID: [AAE-5103-2020](https://orcid.org/0000-0002-2275-7501)

ORCID: [0000-0002-2275-7501](https://orcid.org/0000-0002-2275-7501)

Telephone Number: 09131943858, alternatively 03137925193, 03136637853, 03132669377 and Fax: 0311 6684799

Current Position: Assistant professor in Isfahan University of Medical Sciences

Education:

- PhD in health in disaster and medical Information: 2014 University of Isfahan medical science - Iran
- MSc in Health management: 2012, University of Isfahan- Iran
- BSc in Health management: 2006, University of Isfahan-Iran

PhD Dissertation:

2017: Design and Development of a community-based preparedness plan focusing on biological hazards in Isfahan Province

MSc Dissertation:

2014: Developing an Integrated Clinical Risk Management Model (ICRM) for Healthcare System, Department of Health Management and Medical Informatics, University of Isfahan.

Work Experience: Employment and Administrative Experience

- 2017-2019: Research assistant at Isfahan University of Medical Science (IUMS) in Department of health in emergencies and disasters.
- 2016-2019: Chief Editor of the Incident Management journal (In Farsi).
- 2016- 2017: Instructor of Jihad Institute of Higher Education for teaching principal of healthcare management courses in Isfahan.
- 2016- 2017: Teaching Assistant for hospital management and organizational behavior course.
- 2015- 2016: Teaching Assistant for hospital management and organizational behavior course.
- 2015. The scientific member of Passive Defense Biological Center in Isfahan university of medical science
- Representative of PhD students in advisory committee of graduate education center
- 2013. The scientific and Executive member of Health Management and Economics Research Center (HMERC)

- 2010-2013. Research Assistant and the active member of Student Research Committee in faculty of Management and Medical Informatics (Isfahan University of Medical Sciences)
- 2013-2015. The active member of disaster and emergencies working group in Health Management and Economics Research Center (HMERC)
- 2011. Member of the Scientific Committee in 12th Annual Congress of Medical Sciences Students (national and international)
- Scientific Lecturer in academic classes of PhD and M.S courses regarding my M.S thesis topics

Accomplishments:

- **Design a community-based preparedness plan focusing on biological hazards in Isfahan**, Winner of Top Thesis Award from Iran's Top Theses Festival Special Award by Professor Hassabi 2018.
- **Passive defense mechanisms in hospitals against biological hazards**, National conference on crisis management and passive defense in hospitals and health centers, Tehran, Iran.
- **Revised RPN Number to Modify FMEA for Healthcare system**, paper presented in 18th International Conference on Disaster and Emergency Management 2016- Istanbul, Turkey
- **Effect of understanding disaster risk in promoting resiliency by focusing on community based organizations partnership**, paper presented in 8th International Congress on Health in Emergency and Disaster 2017, Tehran, Iran.
- **Community based disaster risk management approach**, paper presented in 1th national conference on organizational development and innovation with approach of resistance economy 25-26 2017, Mashhad, Iran.
- **Hospital Preparedness in Disasters and Mass Casualty Incidents (MCIs): A Systematic Review and Meta-Analysis** presented in 7th international congress on health in emergencies and disasters 2016, Tehran, Iran.
- **Incident management in health system: comparative study in America, Australia and England** presented in 7th international congress on health in emergencies and disasters 2016, Tehran, Iran.
- **Functional and infrastructural factors affect health insurance coverage for diagnostic services** presented in international conference on sustainable reform in health system: approaches and challenges 2015
- **Developing a Comprehensive Patient Journey reform process In Surgery Ward** presented in international conference on sustainable reform in health system: approaches and challenges 2015
- **Increased Insurance Agency Payments for Diagnostic Magnetic Resonance Imaging (MRI) and Potential Factors Affecting It** presented in national congress on Reform of health system with resistance economic approach 2015
- **Strategic challenges and opportunities of health reform in Iran** presented in national congress on Reform of health system with resistance economic approach 2015
- **Utilization of Magnetic Resonance Imaging in Patient Covered by Isfahan Health Care Insurance, Iran**, paper presented in Clinical Audit and Quality Improvement Conference, 2012, Tabriz, Iran
- **Checking the relationship between physicians' communication skills and outpatients' satisfaction in the clinics of Isfahan Al-Zahra(S) Hospital in 2011**, Paper presented in Clinical Audit and Quality Improvement Conference, 2012, Tabriz, Iran

- **Impact of Accreditation in providing health services**, Paper presented in Clinical Audit and Quality Improvement Conference, 2012, Tabriz, Iran
- **Health system preparedness in epidemic prone diarrhea disease in Iran: A case study of shigellosis epidemic**, presented in 7th international congress on health in emergencies and disasters 2016, Tehran, Iran.

Publications:

Books:

- 2015. ‘**Management and Disaster Risk Reduction Structures in the world**’, chapter 2, a reference book for students of health in emergencies and disasters, published by Tehran University of Medical Sciences (in Farsi).
- 2014. ‘**Risk Management in Surgery Ward and ICU**’, book published by Isfahan University of Medical Sciences (in Farsi).

English Papers:

1. **Principles of risk management in surgery departments:** Archives of Clinical and Experimental Surgery (ACES) | Vol. 4 | Issue 3 | 2015
2. **Checking the relationship between physicians’ communication skills and outpatients’ satisfaction in the clinics of Isfahan Al-Zahra(S) Hospital in 2011:** Journal of Education and Health Promotion | Vol. 3 | August 2014
3. **Healthcare incident reporting system in several countries: Concepts, infrastructure and features:** International Journal of Health System and Disaster Management | Vol. 1 | Issue 3 | Jul-Sep 2013
4. **Developing an integrated clinical risk management model for Hospitals:** International Journal of Health System and Disaster Management | Vol. 1 | Issue 4 | Oct-Dec 2013
5. **Risk assessment of the emergency processes: Healthcare failure mode and effect analysis** |World J Emerg Med | Vol 7 | No 2, 2016
6. **Overcrowding in emergency department: Review of strategies to decrease future challenges**| J Res Med Sci| 2017;22:23
7. **Revised Risk Priority Number in Failure Mode and Effects Analysis Model from the Perspective of Healthcare System**| Int J Prev Med| Int J Prev Med 2018;9:7.|
8. **Health system preparedness in epidemic prone diarrhea disease in Iran: shigellosis epidemic**| Arc Ire Med| under review| 2017
9. **Hospitals preparedness using WHO guideline: A systematic review and meta-analysis**| HONG KONG J EMERG ME| 2018 May 1-12|
10. **Surge capacity of hospitals in emergencies and disaster with preparedness approach: A Systematic Review** | Disaster Med Public Health Prep [2017 Mar 7:1-9]
11. **Rehabilitation of Vulnerable Groups in emergency and Disasters: A Systematic Review**| World J Emerg Med | 2017; 8(4): 253–263. |
12. **Risk Assessment of Surgical Procedures in a Referral Hospital** | Health in Emergencies and Disasters Quarterly| 2017; 3(1):21-30. |
13. **HOW CAN PATIENT JOURNEY IN SURGICAL WARDS OF A REFERRAL HOSPITAL BE IMPROVED?** | Journal of Fundamental and Applied Sciences|2017 Feb 15;9(1S):647-61|
14. **Preparedness of community-based organisations in biohazard: reliability and validity of an assessment tool** | Family Medicine and Community Health| 2019| 7 (3), e000124

15. **The Roles and Responsibilities of Community-Based Organizations in Responding to Public Health Emergencies: A Systematic Review**| Iranian Red Crescent Medical Journal | 2019| 21 (4), e90967
16. **Evaluation of the readiness of hospitals affiliated to Isfahan University of Medical Sciences in unexpected events in 2017**| Journal of education and health promotion| 2019| Aug 30 ;8:14.
17. **How can community-based health organisations play a role in biohazards? A thematic analysis**| Asia Pacific Journal of Social Work and Development | 2020| <https://doi.org/10.1080/02185385.2019.1709100>.
18. **Institutional Accreditation in Medical Education: The Experience of The Survey Visit Teams**| Journal of Education and Health Promotion | 2020| Accepted: 12-11-2019

Persian Articles:

- **Utilization of Magnetic Resonance Imaging in Patient Covered by Isfahan Health Care Insurance, Iran:** Health Information Management | Vol. 9 | Issue 7 | Aug-Feb 2013
- **Increased Insurance Agency Payments for Diagnostic Magnetic Resonance Imaging (MRI) and Potential Factors Affecting It:** Journal of Health System Research | Vol. 11 | Issue 2 | 2015
- **The relationship between organizational justice, job satisfaction and organizational commitment among employees of selected hospitals in Isfahan medical science university :**Journal of Health Administration | Vol. 12 | Issue 38 | 2009

Workshops – Teaching participation:

- 2020: Decontamination and healthcare in CBRN (Chemical, Biological, Radiological, and Nuclear) incidents
- 2020: Crisis Management in Hospitals
- 2020: Management in disasters and emergencies.
- 2019: Triage in CBRN (Chemical, Biological, Radiological, and Nuclear) incidents
- 2018: Kermanshah Earthquake in Iran: Lessons learned
- 2015: Scenario writing: Workshop Teacher (holding in the Head Office of Isfahan Medical Sciences University for Health professionals)
- 2015: How to write a scientific article: Workshop Teacher (holding in Faculty of management and medical informatics for BS students)
- 2014: Failure Mode and Effects Analysis (FMEA): Scientific Lecturer (holding in Sadughi hospital for experts in Department of Health and hospitals in Isfahan)
- 2015: Journal Club Leader in PhD degree
- 2016: Crisis management in epidemic of food borne diseases (Deputy of health in Esfahan university of medical science)
- 2015-2017: executing journal clubs and presenting in English

Workshops – learning participation:

- 2019: Management of biological threats: 9th international congress in health in disasters and emergencies (Iran)
- 2019: Preparedness of hospitals in chemical incidents: 9th international congress in health in disasters and emergencies (Iran)
- 2015: Economic Evaluation in health system

- 2015: Iran – German Workshop on Healthcare Economics and Data Mining in the Healthcare
- 2013: Attended at Dashboard Model in Emergency Information Workshop
- 2012: Attended at winter school:
 - An overview of Australian Healthcare System: A comparative Discussion
 - Evaluation of health organization
 - Clinical Governance in health system: Comparison between Iran and Australia
 - How to write English article and submit on International Journals
 - Practical session on qualitative analysis

Skills: Spss, Endnote, Excel, MSRT, MHLE, Maxqda, Amous

Research interests:

- Public health emergency management
- Community based disaster management
- Hospital Emergency management
- Risk Assessment
- Coordination in Disaster management
- Health system preparedness and response capabilities in emergencies and mass casualty events