Ali Mohammadi

Curriculum Vitae

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1) PERSONAL INFORMATION

First name: Ali
Surname: Mohammadi
Address: Associate Professor of Health Information

Management, Department of Health Information Technology,

Para-Medical School, Kermanshah University of Medical

Sciences. Kermanshah, Iran

Place of Birth: Kermanshah, Iran

Citizenship: Iran

2) EDUCATION

Feb /2011 –Nov / 2014   **The Iran University of Medical Sciences, Tehran, Iran.** Ph.D. in

Health Information Management

Specialization: Health Information Technology (HIT), International

Classification of Diseases (ICD-9-CM, 1CD-10, 1CD-O,ICD-11, ICD-

DA), (DRGs), (CPT), Geospatial Information Systems (GIS), Minimum

Data Set in the Field of Health.

Thesis title: Designing Traffic Accident Information Management System
Based on Geographic Information System (GIS)

Sept/2006 – Sept/2008,   **The Iran University of Medical Sciences, Tehran, Iran.** M. S. in
Medical Records

Thesis title: Evaluation and comparison of medical records department of

Iran university of medical sciences teaching hospitals and medical records

department of Kermanshah university of medical sciences teaching

hospitals according to the international standards ISO 9001-2000

Feb /2002- Feb /2004,   **Shiraz University of Medical Sciences, Shiraz, Iran, B.Sc**. in
Medical Records

3) PROFESSIONAL WORK EXPERIENCE

2013 – Present   Faculty member of Health Information Technology Department, Para-Medical School, Kermanshah University of Medical Sciences. Kermanshah I.R Iran

2008 – 2011   Faculty member of Health Information Technology Department, Para-Medical School, Lorestan University of Medical Sciences. Khoram Abbad I.R Iran

2006–2007   Manager of statistics and Information Department, Clinic No2, of Social Security Organization, Kermanshah, Iran

2004-2006   Manager of Medical Records and Information Technology Department. Shohada Hospital of Social Security Organization, Kermanshah, Iran.

2012- 2014   Teaching/Research Assistant, Tehran and Iran University of Medical Sciences.

2005- Present   Consultant, Social Security Organization, Kermanshah, Iran

2012 – 2020   Member of statistic and information technology committee in Ministry of Health and Education

2015-present   Executive manager of Journal of Clinical Research in Paramedical Sciences, Para-medical School, Kermanshah University of Medical Sciences

4- AWARDS AND HONORS

2006   Ranked among the top two applicants in the masters entrance exam throughout Iran

2006   Top student Recognition award, ministry of health throughout the country

2009, 2010   Best Instructor Award, Lorestan University of Medical Sciences

2011   Top student Recognition award, Tehran University of Medical Sciences

5- SCIENTIFC& EXECUTIVE MEMBERSHIPS

2006- 2009   Member of the Education and Research Committee, Social Security Organization, Kermanshah, Iran

2006- 2008   Chief in Medical Record &Member of the death Committee, Social Security Organization, Kermanshah, Iran

2009- 2011   Member of the Educational and Research Council, Lorestan University of Medical Sciences

2014-Present Director of Health Information Technology Department, Para-medical School, Lorestan (2009-2011)

2015-present Member of the Educational and Research Council, Para-medical School, Kermanshah University of Medical Sciences

2015-2019 Director of Health Information Technology Department Para-medical School, Kermanshah University of Medical Sciences

2015-present Executive manager of Journal of Clinical Research in Paramedical Sciences, Para-medical School, Kermanshah University of Medical Sciences

6-WORKSHOPS

- Current Procedure Terminology (CPT). Lorestan University of Medical Sciences 2011, Ministry of Health, 2012, Iran University of Medical Sciences 2014, 2015.
- Diagnostic Related Groups (DRGs). Kermanshah University of Medical Sciences 2009, Iran University of Medical Sciences 2014.
- Statistics and Health Indicators,Kermanshah University of Medical Sciences 2008, Social Security Organization, Kermanshah 2009, Lorestan 2010
- Medical terminology, Social Security Organization. Lorestan, 2009.
- Medical Records and legal aspects of Medical Records. Kermanshah University of Medical Sciences 2006.
- **6** Workshops of International Classification of Diseases, ICD-10, ICD-9- CM, ICD-O, ICD_DA in Kermanshah University of Medical Sciences from 2007 to 2014.
- **2** Workshops of International Classification of Diseases, ICD-10, ICD-9- CM, ICD-O, in Lorestan University of Medical Sciences from 2009 to 2013.

- **3** Workshops of International Classification of Diseases, ICD-10, ICD-9- CM, Social Security Organization, Kermanshah, Iran. (2008-2012)
- **3** Workshops of International Classification of Diseases, ICD-10, ICD-9- CM, Social Security Organization, Lorestan, Iran. (2010-2013)
- **2** Workshops of Mortality Coding in Kermanshah (2012) and Lorestan (2010) University of Medical Sciences.
- Workshops of registries in Kermanshah University of Medical Sciences
- Workshops of GIS in Kermanshah University of Medical Sciences

7- Teaching experiences:
1. "Students internships program" for Medical Records students
2. Operating Systems and Applications Programs, for Health Information Technology, Medical Records, Radiology and Operation Room Students
3. International Classification of Disease, ICD-10, ICD-9-CM, ICD-O, ICD-DA, ICD-N, CPT, DRGs for Medical Records and Health Information Technology Students
4. Fundamental on Information Technology for Health Information Technology, Medical Records, Radiology and Operation Room Students
5. Medical Terminology for Health Information Technology, Medical Records, Radiology, Anesthesia and Operation Room Students
6. Familiar with Information Technology in Radiology and Operation Rom for Radiology and Operation Room Students
7. Familiar with Structure and Programs of Health System, for Medical Records and Health Information Technology Students
8. Health Information Management, for Medical Records and Health Information Technology Students
9. English language on Information Technology, for Medical Records and Health Information Technology Students
10. Medical Informatics, for Medical Records and Health Information Technology Students
11. "Certification and rules for mortality coding" "for Health Information Technology and Medical Records students
12. "Electronic Health Record" for Health Information Technology students

13. "Legal Aspects of Medical Records" for Medical Records students

14. Familiar with Information Technology in Anesthesia, Radiology, Nuclear medicine and medical emergency for B. S. Students in KUMS.

15. Medical Coding based on ICD-10, ICD-9-CM, ICD-O, CPT, DRGs, ICD-DA, … in TUMS, IUMS, KUMS and LUMS

16. English language on Information Technology, Health Information Technology, Health Information Management in Crisis Management in KUMS and LUMS

8- PROFESSIONAL QUALIFICATIONS

Familiar with Geospatial Information System (GIS), SQL, programming language (C++, C#, HTML, CSS), End Note, SPSS, Microsoft Office, Microsoft Visio, Rational Rose, Argo UML.

9- RECENT PUBLICATIONS

Journal Papers (In English)

1. Samadbeik M, Ahmadi M, **Mohammadi A**, MohseniSaravi B. Health information on internet: quality, importance, and popularity of Persian health websites. Iran Red Crescent Med J. 2014 Apr; 16(4):e12866. doi: 10.5812/ircmj.12866. Epub 2014 Apr 5. [ISI, Pub Med]

2. Maryam Ahmadi, **Ali Mohammadi**, Ramin Chraghbaigi, Taimur Fathi, Mahdieh Shojaee Baghini. Development of a minimum data set of information management system for rthopedic injuries in Iran, Iran Red Crescent Med J. 2014 July; 16(7): e17020. DOI: 10.5812/ircmj.17020.[ISI, Pub Med].

3. Maryam Ahmadi, Jahanpour Alipour, **Ali Mohammadi**, FaridKhorami. Development a minimum data set of the information management system for burns. Burns. August 2015Volume 41, Issue 5, Pages 1092–1099 http://dx.doi.org/10.1016/j.burns.2014.12.009

4. **Ali Mohammadi**, Maryam Ahmadi, AlirezaGharagozlu. Developing a Minimum Data Set of Information Management System for Traffic Accidents in Iran. Iran Red Crescent Med J. 2016; In Press (In Press): e23677. Published online 2016 January 3. ISI, Pub Med

5. Farahnaz Sadoughi, Javad Zarei, **Ali Mohammadi**, Hojat Hataminejad and Sara Sakipouri "Analysis of Geographical Accessibility to Rural Health Houses Using the Geospatial Information System, a Case Study: Khuzestan Province, South-West Iran. Acta Medica Mediterranea, 2015, 31: 907, ISI, Pub Med.

5

6. Reza pourmirzakalhori, Ali Mohammadi, Bijan sabur, Arsalan naderipour, Roholah Mohammadi. Analysis of the factors affecting driving errors in emergency technicians, a case study: Kermanshah University of Medical Sciences, 2014. Volume 9, Number 1, June 2016. ISI

7. Rohollah Mohammadi, Marzieh Seidabadi, Rohangiz Norouzinia, Masoud Bahrami, Shokrollah Abumaash Zadeh and Ali Mohammadi. Ambulance Technical Actions' skills of Iranian Freshman Emergency Medical Students in 2014. Biosciences Biotechnology Research Asia, December 2015. Vol. 12(3), 2609-2617. ISI, Pub Med

8. **Mohammadi A**, Valinejadi A, Sakipur S, Hemmat M, Zarei J, Askari Majdabadi H. : Improving the distribution of rural health houses using elicitation and GIS in Khuzestan province (the southwest of Iran). International Journal of Health Policy and Management.2018,7(4). . ISI, Pub Med

9- Zahra Rampisheh, Mohammadesmael Kameli, Javad Zarei, Akram Vahedi Barzaki, Marzieh Meraji, **Ali Mohammadi**. Developing a National Minimum Data set for Hospital Information Management System in Iran. East Mediterr Health J. 2019;25. ISI, Pub Med

10- **Ali Mohammadi**, Meisam Shahsavari, Soodeh Shahsavari. Letter to the Editor regarding Kim et al: "Predicting adverse events, length of stay, and discharge disposition following shoulder arthroplasty: a comparison of the Elixhauser Comorbidity Measure and Charlson Comorbidity Index". : Journal of Shoulder and Elbow Surgery Volume 28, Issue 2, February 2019, Pages e62-e63

   11- Maryam Ahmadi,[1] Ali Valinejadi,[2] Afshin Goodarzi,[3] Ameneh Safari,[4] Morteza Hemmat,[5]Hesamedin Askari Majdabadi,[6] and Ali Mohammadi[7]. Geographic Information System (GIS) capabilities in traffic accident information management: a qualitative approach. : Electron Physician. 2017 Jun; 9(6): 4533–4540

   12- Mehdi Kahouei , **Ali Mohammadi** , Javad Zarei , Nasrollah Nasr Heidarabadi , Ali Valinejadi. A conceptual model of the impacts of quality components of a health department website on students' health literacy at Semnan University of Medical Sciences. Electronic Physician, May 2018, Volume: 10, Issue: 5, Pages: 6796-6802

   13- Kahouei M, **Mohammadi A**, Zarei J, Nasr Heidarabadi N, Valinejadi A. The staffs' understanding of the role of the health department website on health education in a university of medical sciences. AMJ 2018; 11(6):331–334. https://doi.org/10.21767/AMJ.2018.3254

14- Farahnaz Sadoughi , Morteza Hemmat , Ali Valinejadi**, Ali Mohammadi**, Hesamedin Askari Majdabadi. : Assessment of Health Information Technology Knowledge, Attitude, and Practice among Healthcare Activists in Tehran Hospitals. International Journal of Computer Science and Information Security. Vol. 17 No. 1 pp. 155-158

15- Alireza Emadi, Mobina Ghoochani2, Javad Zarei, **Ali Mohammadi**, Morteza Hemmat, Ali Valinejadi. : Evaluation of Hospital Information System Performance from the Perspective of Users in Educational Hospitals. JCSNS International Journal of Computer Science and Network Security, VOL.17 No.7

16- Saeed Mohammadi, Ali Valinejadi, Javad Amini Saman, Hassanali Karimpour, Mahtab Kaivanfar, Mojgan Safaeipour. Assessment of addiction to internet, smartphone and social networks among students of medical sciences: a cross sectional study. : Electron J Gen Med 201 8;1 5(4):em35

17- Asad Mirzaei, Elham Mohamadyari, **Ali Mohammadi**, Hamid Bouraghi, Ali Mohammadpour, Sanam Lotfi, Mostafa Shanbehzadeh. Evaluation of Hospital Information System of hospitals Affiliated to a University of Medical Sciences in West of Iran. IJCSNS International Journal of Computer Science and Network Security VOL.19 No.1, January 2019

18- Kahouei M, Mohammadi A, Zarei J, Heidarabadi NN, Valinejadi A. A conceptual model of the impacts of quality components of a health department website on students' health literacy at Semnan University of Medical Sciences. Electronic physician. 2018 May;10(5):6796.

19- Rampisheh Z, Kameli M, Zarei J, Vahedi Barzaki A, Meraji M, Mohammadi A. Developing a national minimum data set for hospital information systems in the Islamic Republic of Iran. East Mediterr Health J. 2019;25.

20- Sarabi RE, Shahsavari S, Mohammadi A. The Impact of the Clinical Miscoding on Inpatient Reimbursement. Journal of Kerman University of Medical Sciences. 2020;27(2):169-76.

21- Sohrabi Z, Arian M, Mohammadi A, Bouraghi H, Valinejadi A. Investigating the Accordance of Strategic Plans of Iran's Medical Sciences Universities With the Components of the Third Millennium Universities.

22- Moradinazar M, Najafi F, Jalilian F, Pasdar Y, Hamzeh B, Shakiba E, Hajizadeh M, Haghdoost AA, Malekzadeh R, Poustchi H, Nasiri M. Prevalence of drug use, alcohol consumption, cigarette smoking and measure of socioeconomic-related inequalities of

drug use among Iranian people: findings from a national survey. Substance Abuse Treatment, Prevention, and Policy. 2020 Dec;15:1-1.

23- Najafi F, Rezaei S, Hajizadeh M, Soofi M, Salimi Y, Karyani AK, Soltani S, Ahmadi S, Rad EH, Matin BK, Pasdar Y. Decomposing socioeconomic inequality in dental caries in Iran: cross-sectional results from the PERSIAN cohort study. Archives of Public Health. 2020 Dec; 78(1):1-1.

24- Mohammadi A, Haydari A, Shabani N, Alipour J. Analysis of crashes and Emergency Medical Services resources using geospatial information system on Western suburban roads of Iran. Informatics in Medicine Unlocked. 2021 Jan 1;27:100786.

25- Shahsavari S, Mohammadi A, Mostafaei S, Zereshki E, Tabatabaei SM, Zhaleh M, Shahsavari M, Zeini F. Analysis of injuries and deaths from road traffic accidents in Iran: bivariate regression approach. BMC emergency medicine. 2022 Jul 18;22(1):130.

26- Mohammadi A, Shahsavari S, Mahmoudi Bavandpouri S, Mohammadi R, Nouri Tahneh M. Analysis of Medication and Procedure Complications in Hospitalized Iranian Patients. Journal of Health Sciences & Surveillance System. 2022 Oct 1;10(4):458-64.

27- Cheshmekaboodi M, Sarabi RE, Mohammadi A. Comparison of Performance Indicators of Educational Hospitals Affiliated with Kermanshah University of Medical Sciences Before and After the Implementation of Healthcare Reform Plan. Journal of Clinical Research in Paramedical Sciences. 2020 Dec 31;9(2).

28- Najafi F, Rezaei S, Hajizadeh M, Soofi M, Salimi Y, Kazemi Karyani A, Soltani S, Ahmadi S, Homaie Rad E, Karami Matin B, Pasdar Y. Decomposing socioeconomic inequality in dental caries in Iran: cross-sectional results from the PERSIAN cohort study. Archives of Public Health. 2020 Dec;78(1):1-1.

29- Soleimani E, Ahmadi M, Mohammadi A, Alipour J. Development of minimum data set (MDS) for an information management system for aged care centers in Iran. Informatics in Medicine Unlocked. 2021 Jan 1; 25:100695.

30- Asadi A, Moradinazar M, Marzbani B, Mohammadi A, Mehdizad R, Shakiba E, Atafar Z. Epidemiological Study of Cutaneous Leishmaniasis in Kermanshah Province, 2011-2019. Journal of Mazandaran University of Medical Sciences. 2022 Sep 10;32(212):155-62.

31- Amiri P, Mohammadi A, Bahaadinbeigy K, Kalantari Khandani B, Maazed V. Identifying unmet information needs of advanced cancer patients in Iran: An in-depth qualitative study. Health science reports. 2022 Nov;5(6):e914.

32- Sohrabi Z, Arian M, Mohammadi A, Bouraghi H, Valinejadi A. Investigating the Accordance of Strategic Plans of Iran's Medical Sciences Universities With the Components of the Third Millennium Universities. Crescent Journal of Medical & Biological Sciences. 2020 Jul 1;7(3).

33- Moradinazar M, Najafi F, Jalilian F, Pasdar Y, Hamzeh B, Shakiba E, Hajizadeh M, Haghdoost AA, Malekzadeh R, Poustchi H, Nasiri M. Prevalence of drug use, alcohol consumption, cigarette smoking and measure of socioeconomic-related inequalities of drug use among Iranian people: findings from a national survey. Substance abuse treatment, prevention, and policy. 2020 Dec;15:1-1.

34- Mahmoodpour-Azari M, Rezaei S, Badiee N, Hajizadeh M, Mohammadi A, Kazemi-Karyani A, Soltani S, Khezeli M. The COVID-19 pandemic and healthcare utilization in Iran: evidence from an interrupted time series analysis. Osong Public Health and Research Perspectives. 2023 Jun 2.

35- Ahmadi S, Kazemi-Karyani A, Badiee N, Byford S, Mohammadi A, Piroozi B, Rezaei S. The impact of COVID-19 pandemic on hospital admissions for nine diseases in Iran: insight from an interrupted time series analysis. Cost Effectiveness and Resource Allocation. 2022 Nov 1;20(1):58.

(In Persian)

1. **Mohammadi A**, Ahmadi M, Bashiri B, Nazemi Z. Designing the Minimum Data Set for Orthopedic Injuries. J Clin Res ParamedSci 2014; 3(2): 75-83.

2. **Mohammadi A**, Azizi AA, Cheraghbaigi R, Mohammadi R, Zarei J, Valinejadi A.Analyzing theDeductions Applied by the Medical Services and Social Security Organization Insurance toward Receivable Bills by University Hospitals of Khorramabad, Iran. Health Inf Manage 2013; 10(2): 172-80.

3. Zarei J, Azizi A, Sakipur S, **Mohammadi A**, Abdekhoda H. The Study of Educational Needs of Medical Records Staff of Hospitals in Khuzestan Province (2011). JHA. 2012; 15 (48):24-35.

4. **Mohammadi A**., Ahmadi M., Gohari MR.Application of Quality Management System Criteria or Assessing Medical Records Departments in Teaching Hospitals of Iran University of Medical Sciences; 2008. Journal of Health Administration 2011; 13 (43): 77-87.

5. Asgarnejad M, Zarei J, **Mohammadi A**. A Survey on Level of Medical Records Staff' Familiaritywith Computer and the Basic Concepts of Information Technology in hospitals affiliated to Mazandaran University of Medical Sciences, 2013. Journal of Healthcare Management 2011; 3 (1, 2):41-50.

6. Amir abbasAzizi, Shahla Safari, **Ali Mohammadi**, Jalal Kheirollahi, MahdieShojaeiBaghini. A Survey on the Satisfaction Rate of Users about the Quality of

Hospital Information System in Hospitals Associated with Kermanshah University of Medical Sciences. Health Information Management 2011; 8(4): 566-571.

7. **MohammadiA**, Setoodeh R, mohammadi R GahvareiSH, Asgarnejad M. Survey the reasons of cancelled surgical operations in Shohada hospital in Kermanshah: first six months 2012. Journal of Healthcare Management 2010; 2 (3,4): 29-35

8. Ahmadi M, Gohari M, **Mohammadi A**. Evaluation and comparison of medical records department of Iran university of medical sciences teaching hospitals and medical records department of Kermanshah university of medical sciences teaching hospitals according to the international standards ISO 9001-2000 in 2008. Yafteh. 2010; 12 (1) :13-24

9. Amir abbas Azizi, Shahla Safari**, Ali Mohammadi**, Jalal Kheirollahi, Mahdie Shojaei Baghini. Performance evaluation of medical records departments of teaching hospitals in Kermanshah in 2007.Health Management 2010; 12 (37) :17-22

10. Zarei J, **Mohammadi** A, Kameli ME, Kamkar Haghighi M, Amini MK. A Survey on the status of the application of document imaging for storage medical records of hospitals in Iran, 2013. J Clin Res Paramed Sci 2015; 4(1):63-70.

11. Seidabady M, Mohammadi R, Mohammadi Y, Abumaash Zadeh SH, **Mohammadi A.** Evaluation study of Skills and knowledge about the Basic cardiopulmonary resuscitation (CPR) life supports among bachelor freshman Emergency Medical Students in 2014. J Clin Res Paramed Sci 2015; 4(2):18-27

12. **Mohammadi A**, Ahmadi M, Ahmadi R, Mohammadi R , Haydari A, Farnoudi Mehr F. Comparison of the data elements for traffic accident information management system in Iran with America and Europe standards. J Clin Res Paramed Sci 2015; 4(2):140-151.

13. Cheshmekaboodi M, Ahmadi T, Nikbazm R, Mohammadi R , Zarduee golanbari Sh5 , Mohammadi A. Analysis of Performance Indices of emergency Departments in Educational Hospitals of

Kermanshah University of Medical Sciences Before and After Implementation of Health Sector Evolution Plan. Journal of Healthcare Management 2020; 10 (4) / 9: 55-66

14. Sarabi RE, Garaghani HS, Mohammadi A. The effect of cellphone educational intervention on knowledge and performance in breast self. Journal of Health in the Field. 2021; 9(3).

15. Zarei J, Hadianfard A, Mohammadi A, Rabiee A. [Investigating the Problems of Coding Orthopedic Surgery Procedures in Iran Based on the Tariffs' Book of Relative Values of Health Services (Persian)]. Journal of Modern Medical Information Sciences. 2022; 8(3):234-245. https://doi.org/10.32598/JMIS.8.3.3

16. Mohammadi A, Mohammadi R, Shahsavari S, Shabani N. Arbaeen Ceremony and its Impact on Suburban Road Accidents in Western of Iran. Irtiqa Imini Pishgiri Masdumiyat. 2022;10(2):141-48. doi: 10.22037/iipm.v10i2.37358

10- RESEARCH PROJECTS as Project Manager and Coworker):

1. Analyzing the Deductions Applied by the Medical Services and Social Security Organization Insurance toward Receivable Bills by University Hospitals of Khorramabad(2009-2010). Lorestan University of Medical Sciences, 2009

2. A Survey on Level of Medical Records Staff Familiarity with Computer and the Basic Concepts of Information Technology in hospital allied to Mazandaran University of Medical Sciences (2012-2013), Mazandaran University of Medical Sciences, 2013

3. Health Information on Internet: Quality, Importance, and Popularity of Persian Health Websites. Lorestan University of Medical sciences, 2010

4. A Survey on the Satisfaction Rate of Users about the Quality of Hospital Information System in Hospitals Associated with Kermanshah University of Medical Sciences.2007

5. Performance evaluation of medical records departments of teaching hospitals in Kermanshah in 2007, Kermanshah University of Medical Sciences, 2007

6. The Study of Educational Needs of Medical Records Staff of Hospitals in Khuzestan Province.Ahvaz Jundishapur University of Medical Sciences. 2010

7. Revision of the laws for medical records retention in healthcare organizations in Iran, Iran University of Medical Sciences, 2014

8. Knowledge of health care providers about legal aspects of medical records in teaching hospitals affiliated to Lorestan university of medical sciences, 2010

9. Development of a minimum data set of information management system for orthopedic injuries in Iran. Kerman university of medical sciences, 2012

10. Development of a minimum data set of information management system for burn incidences in Iran. Hormozgan university of medical sciences, 2012

11. Development of a minimum data set for hospital information system in Iran. Ministry of Health and Education 2014- 2015.

12. The national survey on clinical coding in hospitals of Iran and proposed appropriate framework for coding Improvement. (WHO office in Ministry of Health and Education 2015.)

13. Evaluation of errors in code provided for diagnostic and surgical tariffs. Kermanshah University of Medical Sciences, 2015

14. Needed information and information Technology for adults, family and managers of elderly centers in Kermanshah.2019

15. - Analysis of the situation of emergency resources and causes of traffic accidents using GIS; Case Study: Qasr-e Shirin – Kermanshah's road 2018

16. Analysis of the medical errors in prostheses and drugs that prescribed in hospital affiliated to the Kermanshah University of Medical Sciences. 2017

17. The analysis of performance indicators of teaching hospitals in Kermanshah city before and after implementation of health system reform plan 2018
18. Comparison of the technical and content structure of hospital information systems in educational hospitals of Kermanshah University of Medical Sciences2019
19. Analyses influence factors on inpatient that discharged against medical advices in theselected Hospitals of Kermanshah;2018
20. Evaluation of neoplasm' codes in the inpatient record to Imam Reza Hospital in Kermanshah: 2017
21. The Survey of coding accuracy according to Diagnostic and Statistical Manual of Mental Disorders in Farabi Hospital in 2017 (DSM-IV)
22. Needed information and information Technology for adults, family and managers of elderly centers in Kermanshah 2019
23. Investigating the relationship between ABO blood type and Rh factor with COVID-19 disease in Zagros regions of Iran 2020

Thesis (consultant / supervisor)

1- The effect of education based on health belief model on the knowledge and attitude of health workers in Saravan about the prevention and
2- Comparing the efficacy of virtual reality simulation and lecture in learning START triage protocol in medical emergency students of Paramedicine School of Ferdows in academic year of 2019-2020
3- Developing a Model for Knee Ligament Rupture Reconstraction Registry System
4- Designing a Knowledge Base to Help Encode Orthopedic Surgery Proceedings Using The book of relative value units for health services

5- The effect of virtual education based on mobile educational software on how breast self-examination is performed by female health workers in Kahnooj city in 2020

6- Investigating the knowledge, attitude and practice of health workers and caregivers in the prevention of diarrhea via whatsapp in Kahnooj city in 2020
7- Evaluation of warfarin-associated major hemorrhage in hospitalized patients

8- Design and Evaluation of a 24-hour Online Pharmacy System Based on a User's Information Synergy Network

9- Designing a population- based registry for spinal canal stenosis

11- Seminars, symposia and congresses:

Type of presentation	The Number of Articles			
	National	**International**	**regional**	**Total**
Poster presentation	15	11	4	30
Oral presentation	9	7	2	18

12- RESEARCH INTERESTS

- Clinical Coding
- Geospatial Information System,
- Minimum Data Set for Health Data,
- Data base Design
- Electronic Health Record
- Information Systems in Health Care
- Payment Systems in Health Care