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Over the last 16 years I have been into research and education of Medical Informatics, an interdisciplinary field which is at the intersection of Information Science, Computer Science, and Medicine. This discipline focuses on applying technologies and methods to improve data acquisition, manipulation, storage, retrieval and exchange in healthcare. Medical Informatics aims to support clinicians in their practice, improve the accessibility of healthcare services for patients and their relatives, and support healthcare managers in planning services.

Education

2006-2010 PhD in Health Informatics, University of Sheffield, UK.

2000-2002 M.Sc. in Medical Records (Health Information Management) Education, Iran University of Medical Sciences

Employment

2011- Now Associate Professor in Medical Informatics, Shahid Beheshti University of Medical Sciences

Responsibilities in Effect:

- Deputy of Education to Department of Health Information Technology and Management
- Advisor to Scientific Students Committees in School of Allied Medical Sciences, SBMU
- Member of Curriculum Planning (education methodology and students evaluation) committee in School of Allied Medical Sciences, SBMU
- Member of Education and Development Office (EDO) Committee in School of Allied Medical Sciences, SBMU
- Member of working group on empowering lectures and professors in School of Allied Medical Sciences, SBMU
- Member of Scholarship Committee in School of Allied Medical Sciences, SBMU

2001-2005 University Lecturer, Medical Records Department, Kashan University of Medical Sciences (KAUMS), Iran

Responsibilities:

- Academic Secretary of Publication Committee (Translation and Authorship), Deputy of Research, KAUMS
- Member of Strategic Planning Committee in School of Allied Medical Sciences, KAUMS

- Member of Research Committee in School of Allied Medical Sciences, KAUMS

National Contributions During Covid-19

2020- Member of an advisory ICT working group to the national Covid-19 committee and the Ministry of Health (MoH) of Iran focusing on IT solutions for managing the Covid-19 crisis:

Achievements:

- Two Book Chapters in: “Analysis of Covid-19 in Iran and the Rest of the World”. Publisher, Iran: Teimourzadeh, 2020.

- Developing a national blue print on implementing telemedicine services during Covid-19

- Developing a national blue print on countries experiences in adoption of ICT during Covid-19

- Developing key performance indicators (KPIs) for crisis management dashboard

Publications in English

1 -M Nazari, H Emami, **R Rabiei**, A Hosseini, S Rahmatizadeh. Detection of Cardiovascular Diseases Using Data Mining Approaches: Application of an Ensemble-Based Model. Computers in Biology and Medicine (**In Review**)

2-F Arefinia, M Arya, **R Rabiei**, A Hosseini, A Ghaemian, A Roshanpoor. Prediction of Fractional Flow Reserve in Moderate Left Anterior Descending Artery Stenosis Using Deep Learning. JACC: Cardiovascular Imaging (**In Review**)

3-S Dehghan, **R Rabiei**. H Chubineh, K Maghouli, M Vahidi Asl. Machine Learning in Predicting Infertility Treatment Success: A Systematic Literature Review of Techniques. BMC Women’s Health (**In Review**).

4-R Rabiei, P Bastani, H Ahmadi, S Dehghan, S Almasi. Developing Public Health Surveillance Dashboards: A Scoping Review on the Design Principles. BMC Public Health (**In Review**)

5-F Rahimi, **R Rabiei**, A S Seddighi, A Roshanpoor, A Seddighi, H Moghaddasi. Features and Functions of Decision Support Systems for Appropriate Diagnostic Imaging: A Scoping Review. Diagnosis. **2023**.
<https://www.degruyter.com/document/doi/10.1515/dx-2023-0083/html>

6-F Asadi, R Shakiba, **R Rabiei**, H Emami. Promoting the Safety of Pregnant Women: Information Management System Strategy for the COVID-19 Vaccination, **2023**. Shirza E Medical Journal. <https://brieflands.com/articles/semj-135224.html>

7-F Asadi, R Shakiba, **R Rabiei**, H Emami and A Sabahi. COVID-19 Vaccine Registry for Pregnant Women: Policy to Control Complications of Vaccination in Pregnant Women in 2021–2022. BMC Pregnancy and Childbirth, **2023**.
<https://bmcpregnancychildbirth.biomedcentral.com/articles/10.1186/s12884-023-05856-3>

- 8-F Arefinia, **R Rabiei**, A Hosseini, A Ghaemian, A Roshanpoor, M Aria and Z Khorrami. Artificial Intelligence in Estimating Fractional Flow Reserve: a Systematic Literature Review of Techniques. BMC Cardiovascular Disorders, 2023. <https://bmccardiovascdisord.biomedcentral.com/articles/10.1186/s12872-023-03447-w>
- 9-S Mortezaei, **R Rabiei**, F Asadi, H Emami. Development and Usability Evaluation of a mHealth Application for Self-management of Albinism. BMC Medical Informatics and Decision Making, 2023. <https://bmcmidinformedecismak.biomedcentral.com/articles/10.1186/s12911-023-02202-7>
- 10-S Almasi, K Bahaadinbeigy, H Ahmadi, S Sohrabei, **R Rabiei**. Usability Evaluation of Dashboards: A Systematic Literature Review of Tools. Biomed Research International, 2023. <https://www.hindawi.com/journals/bmri/2023/9990933/>
- 11-A Garavand, **R Rabiei**, H Emami, M Pishgahi, M Vahidi-Asl. Design and Development of a Hospital-based Coronary Artery Disease (CAD) Registry in Iran. Biomed Research International, 2023. <https://www.hindawi.com/journals/bmri/2023/3075489/>
- 12-R Rabiei**, S Alamsi. Requirements and challenges of hospital dashboards: a systematic literature review. BMC Medical Informatics and Decision Making, 2022, 22 (287). <https://assets.researchsquare.com/files/rs-1450850/v1/fd5193a2-48f4-488b-99d9-9de90ab5d32f.pdf?c=1649347145>.
- 13-A Sabahi, F Asadi, **R Rabiei**, S Paydar. Providing a Population Based Registry Model of Drug Poisoning in Iran. Iranian Journal of Pharmaceutical Research, 2022, 21 (1). <https://brieflands.com/articles/ijpr-130124.html>
- 14-H Moghaddasi, **R Rabiei**, S Shademani. Error Detection in Patients' Pharmaceutical Data: Application of Ontology-Based Text Miner. Archives of Advances in Biosciences, 2022, 13 (2). https://scholar.google.com/citations?view_op=view_citation&hl=en&user=v5A1jXsAAAAJ&sortby=pubdate&citation_for_view=v5A1jXsAAAAJ:umqufdRvDiIC. (EMRO (WHO), Google Scholar)
- 15-R Rabiei**, SM Ayyoubzadeh, S Sohrabei, M Esmaeili, A Atashi. Prediction of Breast Cancer using Machine Learning Approaches. Journal of Biomedical Physics and Engineering, 2022, 12 (3), 297-308. https://scholar.google.com/citations?view_op=view_citation&hl=en&user=v5A1jXsAAAAJ&sortby=pubdate&citation_for_view=v5A1jXsAAAAJ:a9-T7VOCCH8C
- 16-MR Afrash, **R Rabiei**, A Hosseini, S Salari, M Sepehri. Impact of Computerized Provider Order Entry on Chemotherapy Medication Errors: A Systematic Review. International Journal of Cancer Management, 2022, 15 (3). <https://brieflands.com/articles/ijcm-120300.html>
- 17-S Setareh, **R Rabiei**, H Mirzaei, A Roshanpoor, S Shaabani. Effects of Guideline-based Computerized Provider Order Entry Systems on the Chemotherapy Order Process: a Systematic Review. Acta Medica Informatica, 2022, 30 (1), 61-68. <https://pubmed.ncbi.nlm.nih.gov/35800912/>
- 18-A Sabahi, F Asadi, S Shadnia, **R Rabiei**, A Hosseini. Data Infrastructure for a Poisoning Registry with Designing Data Elements and a Minimum Data Set. Shiraz E-Medical Journal, 2021, 23 (5). <https://brieflands.com/articles/semj-116103.html>
- 19-Afrash M, Hosseini A, **Rabiei R**, Salari S, Sepehri M. Design and Implementation of a Guideline-Based Workflow Software System for Improving the Chemotherapy Process. Shiraz E-Medical Journal, 2021. <https://brieflands.com/articles/semj-119010.html>
- 20-F Asadi, H Moghaddasi, M Anvari, **R Rabiei**. Diagnostic Point-of-Care Tests with an Approach to Data Management. Frontiers in Health Informatics, 2021, 10 (1), 90. <http://ijmi.ir/index.php/IJMI/article/view/322> (Scopus, IEEMR)
- 21-R Rabiei**, F Asadi, H Emami, MA Hosseini. Quality of coding for trauma using ICD10. Trauma monthly, 2021, 26 (3), 130-134. http://www.traumamon.com/article_131161.html
- 22-R Rabiei**, F Asadi, H Moghaddasi, M Shojaei Baghini. A Model for the National Mental Health Information Network. Applied Health Information Technology, 2021, 2 (1), 39-50. https://enjournal.ssu.ac.ir/article_141.html

- 23-A Sabahi, F Asadi, S Shadnia, **R Rabiei**, AS Hosseini. The Features and Processes of Poisoning Registries: A Scoping Review. *International Journal of Medical Toxicology and Forensic Medicine*, 2021, 11 (3). <https://journals.sbmu.ac.ir/ijmtfm/article/view/34286>
- 24-A Sabahi, F Asadi, S Shadnia, **R Rabiei**, A Hosseini. Minimum data set for a poisoning registry: a systematic review. *Iranian Journal of Pharmaceutical Research*, 2021, 20 (2). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8457722/>
- 25-S Almasi, **R Rabiei**, H Moghaddasi, M Vahidi-Asl. Emergency Department Quality Dashboard; a Systematic Review of Performance Indicators, Functionalities, and Challenges. *Archives of Academic Emergency Medicine*, 2021, 9 (1), e47-e47. <https://pubmed.ncbi.nlm.nih.gov/34405145/>
- 26-**R Rabiei**, F Rouzbahani, F Asadi, H Moghaddasi, H Emami, F Rahimi. Health Information Governance Program: A Review on Components and Principles. *Crescent Journal of Medical and Biological Sciences*, 2021, 8 (1). https://www.cjmb.org/uploads/pdf/pdf_CJMB_472.pdf
- 27-F Rouzbahani, F Asadi, **R Rabiei**, H Moghaddasi, H Emami. Developing a Model for National Health Information Governance Program in Iran. *Journal of Medicine and Life*, 2020, 13 (4), 510. <https://pubmed.ncbi.nlm.nih.gov/33456599/>
- 28-A Garavand, **R Rabiei**, H Emami, M Pishgahi, M Vahidi- Asl. The attributes of hospital-based coronary artery diseases registries with a focus on key registry processes: A systematic review. *Health Information Management Journal*, 2020. <https://pubmed.ncbi.nlm.nih.gov/32677480/>
- 29-L Ghaderi-Nansa, **R Rabiei**, F Asadi, A Hosseini, H Emami. Medical Tourism Websites with an Approach to Information Content: A Systematic Review. *Iranian Journal of Public Health*, 2020. <https://ijph.tums.ac.ir/index.php/ijph/article/view/13357>
- 30-A Garavand, H Emami, **R Rabiei**, M Pishgahi, M Vahidi- Asl. Designing the Coronary Artery Disease Registry with Data Management Processes Approach: A Comparative Systematic Review in Selected Registries. *International Cardiovascular Research Journal*, 2020, 14 (1). <https://brieflands.com/articles/ircrj-100833.html>
- 31-**R Rabiei**, H Moghaddasi, M Heidari. Design and Evaluation of a Mobile Application for Relapse Prevention to Methamphetamine Use Disorder. *International Journal of High Risk Behaviors and Addiction*, 2020, 9 (1). <https://brieflands.com/articles/ijhrba-100340.html>
- 32-H Moghaddasi, **R Rabiei**, F Asadi, A Mohammadpour. Developing A General Framework for National Health Information Network for Developing Countries. *Galen Medical Journal* 9, e1792, 2020. <https://pubmed.ncbi.nlm.nih.gov/34466593/>
- 33-**R Rabiei**, Y Mohammadi Moghadam, N Aslani, A Garavand . Knowledge Management Status in a Non-governmental Public Hospital: The Current Status and Improvement Solutions. *Journal of Health Management & Information Science*, 2020, 7 (1), 26-32. https://jhmi.sums.ac.ir/article_46625_915fad46282cb9ef2393c7d116cbfb14.pdf
- 34-MS Baghini, R Rabiei, F Aasdi, H Moghaddasi, A Sabahi. National mental health information system: a review of data architecture in selected countries. *Journal of Advanced Pharmacy Education & Research* Apr-Jun 10, 2020 (S2), 131. <https://japer.in/article/national-mental-health-information-system-a-review-of-data-architecture-in-selected-countries>
- 35-M Afzali, K Etemad, A Kazemi, **R Rabiei**. Cerebral palsy information system with an approach to information architecture: a systematic review. *BMJ Health and Care Informatics* 26 , 2019. <https://pubmed.ncbi.nlm.nih.gov/31892529/>
- 36-H Haghiri, **R Rabiei**, A Hosseini, H Moghaddasi, F Asadi. Notifiable Diseases Surveillance System with a Data Architecture Approach: a Systematic Review. *Acta Informatica Medica*, 2019, 27 (4), 268. <https://pubmed.ncbi.nlm.nih.gov/32055095/>

- 37-A Fathian, H Emami, Hassan, Moghaddasi, A Kazemi, **R Rabiei**. Features of Nursing Management Information Systems: A Systematic Review. *Biomedical Journal of Scientific and Technical Research*, 2019, 21 (2), 15773-15781. <https://biomedres.us/fulltexts/BJSTR.MS.ID.003582.php>
- 38-F Rouzbahani, **R Rabiei**, F Asadi, H Moghaddasi, H Emami. Information Governance Program: A Review of Applications in Healthcare. *Archives of Advances in Biosciences*, 2019, 10 (1), 47-55. <https://journals.sbmu.ac.ir/aab/article/view/23597>
- 39-SS Seyedi, A Hosseini, **R Rabiei**, F h Asadi, H Moghaddasi. Infertility Information System with an Approach to Data Architecture: A Systematic Review. *American Journal Biomedical Sciences & Research*, 2019, 5 (4). 254-261. <https://biomedgrid.com/fulltext/volume5/infertility-information-system-with-an-approach-to-data-architecture-a-systematic-review.000922.php>
- 40-MHH Haghghi, H Moghaddasi, **R Rabiei**, F Asadi. National Information Systems of Natural Crises in Some Countries. *Archives of Advances in Biosciences*, 2019, 10 (4), 75-81. <https://www.sid.ir/paper/315951/en>
- 41-A Tabatabaei Tabrizi, H Moghaddasi, **R Rabiei**, B Sharif Kashani. Development of a Catheterization and Percutaneous Coronary Intervention Registry with a Data Management Approach: A Systematic Review. *Perspectives in Health Information Management*, 2019. <https://pubmed.ncbi.nlm.nih.gov/30766453/>
- 42-M Karimi, F Asadi, H Moghaddasi, **R Rabiei**. Features of Intellectual Disability Information System: A Comparative Study. *Journal of Clinical Review and Case Reports*, 2018, 3 (8). <https://www.opastpublishers.com/open-access-articles/features-of-intellectual-disability-information-system-a-comparative-study.pdf>
- 43-M Amanzadeh, H Moghaddasi, **R Rabiei**, A Amini Harandi, H Haghghi. Difficulties of Diagnosing Alzheimer's Disease: The Application of Clinical Decision Support Systems. *Archives of Advances in Biosciences*, 2018, 9 (4), 8. <https://journals.sbmu.ac.ir/aab/article/view/20966>
- 44-**R Rabiei**, H Moghaddasi, F Asadi, M Heydari. Evaluation of computerized provider order entry systems: assessing the usability of systems for electronic prescription. *Electronic Physician*, 2018, 10 (8), 7196-7204. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6122865/>
- 45-S Derayah, A Kazemi, **R Rabiei**, A Hosseini, H Moghaddasi. National information system for rare diseases with an approach to data architecture: A systematic review. *Intractable & Rare Diseases Research*, 2018, 7 (3), 156-163. <https://pubmed.ncbi.nlm.nih.gov/30181934/>
- 46-H Moghassemi, **R Rabiei**, H Moghaddasi, M Shabani, R Ataee. Computer-Aided Diagnosis Approaches to Fatty Liver Disease According to Sonographic Images Based on Wavelet Transform: A Review Study. *Journal of Clinical Review & Case Reports*, 2018, 3 (4), 1-5. <https://www.opastpublishers.com/open-access-articles/computeraided-diagnosis-approaches-to-fatty-liver-disease-according-to-sonographic-images-based-on-wavelet-transform-a-r.pdf>
- 47-N Hashemi, H Moghaddasi, **R Rabiei**, F Asadi, A Farahi. Eye Health Information Systems in Selected Countries. *Journal of Ophthalmic and Vision Research*, 2018, 13 (3), 333-338. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6058548/>
- 48-H Moghaddasi, F Asadi, **R Rabiei**, F Rahimi, R Shahbodaghi. Presenting an Evaluation Model for the Cancer Registry Software. *Acta Medica Informatica* 25 ,2017, (4), 267-270. <https://pubmed.ncbi.nlm.nih.gov/29284919/> (Q3, IF=0)
- 49-H Bagherian, M Farahbakhsh, **R Rabiei**, H Moghaddasi, F Asadi. National Communicable Disease Surveillance System: A review on Information and Organizational Structures in Developed Countries. *Acta Medica Informatica*, 2017, 25 (4), 271-276. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5723198/>
- 50-S Valizadeh, H Moghaddasi, **R Rabiei**, Asadi. Health websites visual structure: the necessity of developing a comprehensive design guideline. *Archives of Advances in Biosciences*, 2017, 8 (4). <https://journals.sbmu.ac.ir/aab/article/view/18175>

- 51-R Rabiei**, H Moghaddasi, AA Khadem Maboudi, A Basiri. Assessment of factors affecting kidney transplant survival based on literature review between 2000 and 2014. *Medical Science Journal of Islamic Azad University-Tehran Medical Branch*, 2017, 27. https://tmuj.iautmu.ac.ir/browse.php?a_id=1247&sid=1&slc_lang=en
- 52-H Moghaddasi, **R Rabiei**, F Asadi, A Mohammadpour. National health information network: lessons learned from the USA and the UK. *Archives of Advances in Biosciences*, 2017, 8 (2), 57-70. <https://journals.sbm.ac.ir/aab/article/view/15209>
- 53-R Rabiei**, H Ayatollahi, MR Katigari, M Hasannezhad, H Amjadnia. Epidemiology of Urban traffic accidents: a study on the victims' health records in Iran. *Global journal of health Science*, 2017, 9 (5), 156-166. <https://www.ccsenet.org/journal/index.php/gjhs/article/view/62057>
- 54-Z Mastaneh, F Asadi, **R Rabiei**, A Hoseini, H Moghaddasi. National Transplant Network Information System of the US and England. *Journal of Transplantation Technologies and Research*, 2017, 7 (173), 2161-0991.1000173. <https://www.semanticscholar.org/paper/National-Transplant-Network-Information-System-of-Mastaneh-Asadi/1018e3d84cae1c71b1da6a4b6bd95f7ce63362c1>
- 55-H Moghaddasi, B Ahmadzadeh, **R Rabiei**, M Farahbakhsh. Study on the Efficiency of a Multi-layer Perceptron Neural Network Based on the Number of Hidden Layers and Nodes for Diagnosing Coronary- Artery Disease. *Jentashapir Journal of Health Research (JJHR)*, 2017, 8 (3), 8. <https://www.semanticscholar.org/paper/Study-on-the-Efficiency-of-a-Multi-layer-Perceptron-Moghaddasi-Ahmadzadeh/4d3f23085e24141bacc29577f9df93d2e9048b21>
- 56-H Moghaddasi, **R Rabiei**, F Asadi, N Ostvan. Evaluation of Nursing Information Systems: Application of Usability Aspects in the Development of Systems. *Healthcare Informatics Research*, 2017, 23 (2), 101-108. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5435582/>
- 57-M Jahanbakhsh, R Rabiei, F Asadi, H Moghaddasi. Electronic health record architecture: a systematic review, *Archives of Advances in Biosciences*. 2016, 7 (3), 29-36. <https://journals.sbm.ac.ir/aab/article/view/13126/9979>
- 58-Deimazar G, A Kazemi, **R Rabiei**, H Moghaddasi. Pharmacy Information Systems in Teaching Hospitals: A Multi-dimensional Evaluation Study. *Healthcare Informatics Research* 2016; 22(3): 231-237. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4981583/>
- 59-F Asadi, H Moghaddasi, **R Rabiei**, F Rahimi, SJ Mirshekarlou. The evaluation of SEPAS national project based on electronic health record system (EHRS) in Iran. *Acta Informatica Medica*, 2015, 23 (6), 369. <https://pubmed.ncbi.nlm.nih.gov/26862248/>
- 60-H Moghaddasi, **R Rabiei**, N Sadeghi. Improving the quality of clinical coding: a comprehensive audit model. *Journal of Health Management & Informatics*, 2014, 1 (2), 36-40. https://jhmi.sums.ac.ir/article_42618.html
- 61-H Moghaddasi, **R Rabiei**. A model for measuring e-health status across the world. *Telemedicine and e-Health*, 2013, 19 (4), 322-327. <https://pubmed.ncbi.nlm.nih.gov/23506327/>
- 62-R Rabiei**, PA Bath, A Hutchinson, D Burke. The National Programme for IT in England: clinicians' views on the impact of the Choose and Book service. *Health Informatics Journal*, 2009, 15 (3), 167-178. <https://pubmed.ncbi.nlm.nih.gov/19713392/>

Publications in Persian (N=12)

- 1 -**R Rabiei**, K Bahaadinbeigi, M Samadbeik, S M Tara, S Almasi. Education and Promotion of the Country's (Iran) Digital Health with an Approach to the Structure and Content of the Education Program. Iranian Journal of Culture and Health Promotion (Journal of Iranian Academy of Medical Sciences), 2023, 7 (2): 196-206. <https://ijhp.ir/article-1-802-fa.html>
- 2 -Ehsan Bitaraf1 , Mahmood Tara , Abbas Sheikhtaheri , **R Rabiei** , Nasser Shaker Hosseini , Maryam Jafarpour , Fatemeh Sarani Rad , Elham Barmar. The National Electronic Health Record: A Review of the Implementation Process in the World and Iran. Iranian Journal of Culture and Health Promotion (Journal of Iranian Academy of Medical Sciences), 2023, 7 (2): 157-164. <https://ijhp.ir/article-1-708-fa.pdf>
- 3 -**R Rabiei**, Zahra Rajabalizadeh Mosayebi, Farkhondeh Asadi, Maryam Noorzadeh. Designing a National Hysterectomy Registry Model for Iran. Hakim Research Journal, 2023, 25 (1). https://hakim.tums.ac.ir/browse.php?cur=1&slct_pg_id=18&sid=1&slc_lang=en
- 4 -S Mahammadpour, **R Rabiei**, F Shahbahrami, K. Fathisalari. The Effects of Implementing Clinical Decision Support Systems on the Diagnosis, Treatment and Management of Cancers: A Systematic Review. Payavard Salamat, 2022, 16 (2), 113-122. https://payavard.tums.ac.ir/browse.php?a_id=7271&sid=1&slc_lang=en.
- 5 -H Moghaddasi, **R Rabiei**, A Hosseini, R Soltani. Study of Nutrition Information Systems in Hospitals Affiliated with Shahid Beheshti University of Medical Sciences. Hakim Research Journal, 2021, 24 (2):152-159. <https://hakim.tums.ac.ir/article-1-2104-en.html>
- 6- H Moghaddasi, F Asadi, **R Rabiei**, Z Mastaneh. National Transplant Network of America and England: Remarks for Developing Countries. Iranian Journal of Surgery, 2017, 24 (4). [file:///C:/Users/god/Downloads/af_22223351AmozehayeShabakeMeli-Dr.Moghadasi1949%20\(1\).pdf](file:///C:/Users/god/Downloads/af_22223351AmozehayeShabakeMeli-Dr.Moghadasi1949%20(1).pdf)
- 7 -H Moghaddasi, M Jahanbakhsh, **R Rabiei**, F Asadi. An Architectural Model for Structure of Summary Electronic Health Records. Health Information Management, 2016. 13 (4), 267-272. http://him.mui.ac.ir/article_11519_d0db9b3216b02c7a223c01ea491a5d23.pdf
- 8 -H Moghaddasi, **R Rabiei**, F Rahimi, S Ayani. Deliberating Blood Glucose Control of Diabetic Patients Using Insulin Therapy Decision Support Systems. Journal of Sabzevar University of Medical Sciences, 2016, 22, 1180-1191. http://jsums.medsab.ac.ir/article_855.html?lang=en
- 9 -H Moghaddasi, **R Rabiei**, Z Mastaneh. Pre-hospital Emergency Information System in America and England: A review study. Payesh , 2014, 13 (4), 281.
- 10 -**R Rabiei**, H Moghaddasi, A Hosseini, S Paydar. A Study on Radiology Management Information System (RMIS) in Teaching Hospitals Affiliated to Medical Universities in Tehran. Health Information Management, 2013, 12 (1). http://him.mui.ac.ir/article_11387.html?lang=en
- 11-A Hosseini, **R Rabiei**, H Moghaddasi, Z Mastaneh. Application of Classification Systems in Nursing Information System: an Integrative Review of Literatures. Payesh, 2013, 2(1): 67-74. <http://payeshjournal.ir/article-1-284-en.html&sw=Rabiei>
- 12 -Ayatollahi H, **R Rabiei**. An Analytic Review of Diagnostic Related Groups (DRGs). Hospital 2003, 3 (11): 26-30. <https://jhosp.tums.ac.ir/article-1-178-fa.html&sw=%D8%B1%D8%A8%DB%8C%D8%B9%DB%8C>

* WHO Index Medicus for Eastern Mediterranean Region (IMEMR)

International Conference Papers

- 1- **R. Rabiei**, Sohrabi S. Application of Remote Monitoring Technologies to Reduce Patients Hospitalization Time in Patients with Cancer Suffering from Covid-19. International Telemedicine Conference, Isfahan, Iran. **2022**
- 2- H Moghaddasi, **R Rabiei**, Sohrabi S. Comparing the Efficiency of Diagnostic Models of Breast Cancer Using Genetic Algorithm and Multi-layer Perceptron . 11th International Congress on Breast Cancer, Tehran, Iran. **2016**
- 3- M. Farzandipour, **R.Rabiei**. EHR Architecture Standards. 4th Regional Conference on eHealth. **2004**

National Conference Papers (N=8)

- 1- **R Rabiei (Key Note Speaker)**, H Emami. mHealth Application: From Design to Implementation. Symposium on Artificial Intelligence (AI) in Medicine. Smart University of Medical Sciences, Tehran, Iran. **2022**
- 2- **R Rabiei**, F Asadi, F Rouzbahani. Role of Electronic Health Records in Developing Health Information Management Professionals Knowledge and Skills. 5th National Congress on Health Information Management Promotion, Tehran, Iran. **2017**
- 3- M Lotfi, R Rabiei, F Asadi, H Moghaddasi. Study on Operation Rooms Information Systems in Hospitals Affiliated with Shahid Beheshti, Iran, and Tehran University of Medical Sciences, Tehran, Iran. **2017**
- 4- R Rabiei, **Ayatollahi H**. Medical records application in telemedicine. (Poster). In: proceedings of 4th regional conference on e-Health: Building the electronic health record. Iran, Tehran, 7-9 September. **2004**
- 5- **Ayatollahi H**, R Rabiei. Health promotion and social equity. (Poster). In: proceedings of national conference on health and sustainable development. Iran, Tehran, 13-14 October. **2003**
- 6- R Rabiei, **Ayatollahi H**. Women's health promotion: a basis for sustainable development in the community (Poster). In: proceedings of national conference on health and sustainable development. Iran, Tehran, 13-14 October. **2003**
- 7- R Rabiei, Farzandipour M, **Ayatollahi H**. Role of health in national development. (Poster). In: proceedings of national conference on health and sustainable development. Iran, Tehran, 13-14 October. **2003**
- 8- R Rabiei, **Ayatollahi H**. Health promotion based on national health information. (Oral Presentation). In: proceedings of national conference on health promotion. Iran, Zanjan, 14-15 May: P 14-15. **2003**

Books (N=6)

- 1- **A Sabahi, F Asadi, R Rabiei, Y Sadat, S Paydar**. Population-based Registry with an Approach to Drug Poisoning. Tehran: Sayeh Salamat. **2023**
- 2- **R Rabiei**. H Emami, S, Salari. Digital Revolution with an Approach to Social Security Organization in Iran. Social Security Organization. **2021**
- 3- **Rabiei et al.** *Book Chapters* in : Analysis of Covid-19 Crisis in Iran and Other Countries by Azli A, Ghanaati H, Maher A. Tehran: Timourzadeh. **2020**
- 4- Vali L, Rabiei R, **Ayatollahi H**. An Introduction to Telemedicine. Kashan: Morsal. **2005**

5- Farzandipour M, Rabiei R, **Ayatollahi H**, Rangraz Jeddi F. Principles of medical documentation. Kashan: Morsal. **2005**

6- Rabiei R, **Ayatollahi H**. Health information management in ambulatory care. Kashan: Morsal. **2004**

Ph.D. Thesis Supervisor- Completed (N=26)

1- Design and Evaluation of a Clinical Decision Support System for Appropriate Cerebrovascular (Brain) Diagnostic Imaging (Medical Informatics). **2023**

2- Afrash M. Design and Evaluation of Computerized Provider Order Entry (CPOE) Integrated with Clinical Decision Support System for Breast Cancer Chemotherapy (Medical Informatics). **2022**

3- Setareh, S. Design and Evaluation of Computerized Provider Order Entry (CPOE) Coupled with Clinical Decision Support System for Metastatic Colon Cancer Chemotherapy (Medical Informatics). **2022**

4- Almasi S. Design and Evaluation of Quality Dashboard for Emergency Departments in Iran (Health Information Management). **2022**

5- Sabahi A. Presenting a Population Based Registry Model of Drug Poisoning in Iran (Health Information Management). **2021**

6- Garavand A. Design and Evaluation of Hospital-based Registry Software for Coronary Artery Disease in Iran (Health Information Management). **2020**

7- Afzali. M. Developing Data Architecture Model for Cerebral Palsy Information System (Health Information Management). **2020**

8- Azimi, E. Developing a Model for National Nosocomial Infection Information System(Health Information Management). **2020**

9- Haghiri, H. Information Architecture Modelling for Notifiable Disease Information System (Health Information Management). **2020**

10- SS. Seyedi. Information Architecture Modelling of Infertility Information Systems in Iran. (Health Information Management). **2019**

11- Tabatabaei-Tabrizi, A. Design and Evaluation of Cardiac Catheterization Registry Software and Providing a Cloud Computing Architecture Model for Sharing the Software (Medical Informatics). **2018**

12- Rouzbahani F. Developing a Model for Health Information Governance Program for Healthcare System in Iran (Health Information Management). **2018**

13- Derayeh S. Developing a data Architecture Model for Rare Diseases National Information Systems (Health Information Management). **2018**

14- Ghaderi Nansa, L. Developing an Information Architecture Model for Medical Tourism Information System in Iran (Health Information Management). **2018**

- 15- Amanzadeh M. Design and Evaluation of Diagnostic Decision Support System for Alzheimer Disease (Medical Informatics). **2017**
- 16- Moghassemi, H. Presenting an Efficient Model Based on Wavelet Approach for Diagnosing Diffuse Liver Disease Using Sonographic Data (Medical Informatics). **2017**
- 17- Hashemi N. Developing an Architecture Model for National Eye Health Information System (Health Information Management). **2017**
- 18- Bagherian, H. Architecture Modelling for National Communicable Disease Information System with a Database Approach (Health Information Management). **2017**
- 19- Ariaei, M. Developing an Information Model for Healthcare Organization Accreditation in Iran (Health Information Management). **2017**
- 20- Shokrizadeh Arani, L. Developing an Architecture Model for National Bioterrorism Information System (Health Information Management). **2017**
- 21- Shojaei M. Developing an Architecture Model for National Mental Health Information Network (Health Information Management). **2017**
- 22- Samzadeh, H. Developing an Evaluation Model for Emergency Department Information Systems (Health Information Management). **2017**
- 23- Ayani, S. Design and Evaluation of Clinical Decision Support System for Estimating Insulin Dosage in Type 1 Diabetes. (Medical Informatics). **2016**
- 24- Rahmatizadeh, S. Design and Evaluation for Clinical Decision Support System for Predicting Graft Survival in Kidney Transplantation (Medical Informatics). **2016**
- 25- Mohammadpour, A. Developing a General Framework for National Health Information Network in Iran (Health Information Management). **2016**
- 26- Jahanbakhsh, M. Developing an Architecture Model for Summary Electronic Health Record (Health Information Management). **2016**

Ph.D. Thesis Advisor- Completed (N=7)

- 1- Hamedan M. Developing an Architectural Model of Geriatric Information System (Health Information Management). **2019**
- 2- Fathian, A. Developing a Model for Nursing Management Information System (Health Information Management). **2019**
- 3- Karimi, M. Developing an Architectural Model for National Intellectual Disability Information System (Health Information Management). **2018**

- 4- Mastaneh, Z. Developing an Architecture Modelling for National Transplant Network with a Database Approach (Health Information Management). **2017**
- 5- Hashemi, N. Developing a Model for National Eye Health Information System (Health Information Management). **2017**
- 6- Hayavi Haghighi, M.H. Developing an Architecture Modelling of Natural Crisis National Information System for Iran (Health Information Management). **2017**
- 7- Valizadeh-Haghi. S. Developing a Model for Designing Health Websites Structure (Health Information Management). **2016**

M.Sc. Dissertation Supervisor- Completed (N=27)

- 1- Rajab-alizadeh Mosayebi, Z. Designing a National Hysterectomy Registry Model for Iran (Health Information Technology). **2023**
- 2- Mortezaei, S. Design and Evaluation of a Mobile Application for Self-management of Albinism (Medical Informatics). **2022**
- 3- Nemani, S. Evaluation of User Satisfaction with Emergency Department Information Systems (EDIS) in Hospitals Affiliated with Shahid Beheshti and Iran Universities of Medical Sciences (Medical Informatics). **2021**
- 4- Abedini, H. Study on Laboratory Management Information Systems of Hospitals Affiliated with Shahid Beheshti University of Medical Sciences (Health Information Technology). **2019**
- 5- Ghalandari, P. Design and Evaluation of a Website for Patients with Breast Cancer (Medical Informatics). **2017**
- 6- Heidari, M. Design and Evaluation of a Mobile Application for Relapse Prevention to Methamphetamine Use Disorder (Medical Informatics). **2017**
- 7- Anvari M. Developing a Data Management Model for Point-of-Care equipment (Health Information Technology). **2017**
- 8- Haydari M. Evaluation of Computerized provider Order Entry System in Hospitals in Tehran (Health Information Technology). **2017**
- 9- Jamshidian, M. Usability Evaluation of Hospital Information Systems in Hospitals Affiliated to Ilam University of Medical Sciences (Medical Informatics). **2017**
- 10- Kamyab Kalantari, F. Comparing the Efficiency of Prediction Models for Autism Disorder Based on Artificial Neural Network, Fuzzy Logic, and Neuro-Fuzzy Network (Medical Informatics). **2016**
- 11- Khoonraz, F. Comparing the Efficiency of Support Vector Machine (SVM) and Decision Tree (DT) in Lung Cancer Prediction (Medical Informatics). **2016**
- 12- Ayoub-Zadeh, S.M. Comparing the Efficiency of KNN and Decision Tree (DT) for Differential Diagnosis of Cardiac Chest Pain (Medical Informatics). **2016**
- 13- Azizpourian, S. Study on Laws and Regulations of Sepas and Shams. (Health Information Technology). **2016**

- 14- Hamidi, A. Study of Hospital-based Diabetes Registry in Hospitals Affiliated with Shahid Beheshti University of Medical Sciences (Health Information Technology). **2016**
- 15- Ahadi, E. Developing an Object-oriented Model for Multiple Sclerosis Registry System (Medical Informatics). **2016**
- 16- Radmand, A. Developing an Object-oriented Model for Autism Registry System (Medical Informatics). **2016**
- 17- Pourmagsoudi, S. Developing an Object-oriented Model for Hepatitis Registry System (Medical Informatics). **2016**
- 18- Naeimi, R. Study on Policies, Standards, and Laws of Environment Organization in Relation to Information and Communication Technology (Health Information Technology). **2016**
- 19- Lotfi, M. Evaluation of Operation Room Information System in Hospitals Affiliated with Shahid Beheshti, Iran, and Tehran University of Medical Sciences (Health Information Technology). **2016**
- 20- Karimi, A. Evaluation of Health Information Technology Departments in Hospitals Affiliated with Shahid Beheshti, Iran, and Tehran University of Medical Sciences (Health Information Technology). **2016**
- 21- Ostvan, N. Evaluation of the Usability of Nursing Information Systems in Hospitals Affiliated with Medical Universities in Tehran (Health Information Technology). **2015**
- 22- Rezaei, T. Developing an Evaluation Model for Physiotherapy Information System (Health Information Technology). **2014**
- 23- Abdollahi, F. Study on Disaster Information System in Iran (Health Information Technology). **2014**
- 24- Farshbaf, R. Developing a Database Architecture Model for National Roads Traffic Accidents (Medical Informatics). **2014**
- 25- Ghanbari, F. Data Security Standards in Healthcare Systems in Selected Countries (Medical Informatics). **2014**
- 26- Ghorban-Alinezhad, M. Developing an Evaluation Model for Radiology Department Utilization Management Software (Medical Informatics). **2013**
- 27- Paydar, S. Evaluation of Radiology Management Information System in Hospitals Affiliated with Medical Universities in Tehran (Health Information Technology). **2012**

M.Sc. Dissertation Advisor- Completed (N=46)

- 1- Shakiba, R. Developing National Information Management Systems Model for Covid-19 Vaccination in Pregnant Women (Health Information Technology). **2023**
- 2- Sharifi E. Design and Evaluation of a Mobile Application for Self-Management of Patients with Gastric Cancer (Health Information Technology). **2022**
- 3- Salehi, S. Design and Evaluation of a Self-reporting Application for General Surgery Error (Medical Informatics). **2021**
- 4- Sadeghi, F. Study on Factors Influencing Acceptance and Adoption of Hospital Information Management System (HIM) Using Unified Theory of Acceptance and Use of Technology (UTAUT) (Health Administration). **2021**

- 5- Soltani, R. Evaluation of Nutrition Information Systems in Hospitals Affiliated to Shahid Beheshti University of Medical Sciences (Health Information Technology). **2021**
- 6- Tahmasbpour, F. Design and Evaluation of a Mobile Application for Women's Self-management for Prevention of Breast, Cervix, and Lymphatic Gland's Cancer (Medical Informatics). **2020**
- 7- Shahriari, H. Design and Evaluation of a Mobile Application for Self-management of Patients with Metabolic Syndrome (Medical Informatics). **2020**
- 8- Hosseini, M. Auditing the Quality of Trauma Coding Based-on ICD-10 in Hospitals Affiliated to Shahid Beheshti University of Medical Sciences (Health Information Technology). **2020**
- 9- Mostaf Yazdanparast. Presenting an Evaluation Model for Crisis Management Information System (Medical Informatics). **2018**
- 10- Razavi, Z. Presenting an Evaluation Model for Decision Support System of Mechanical Ventilation (Medical Informatics). **2018**
- 11- Sepehri, N. Developing a Model for Evaluating Pregnancy Registry Software. (Medical Informatics). **2018**
- 12- Sheikh-mohammadi, N. Developing an Object-oriented Model for Colorectal Cancer (Medical Informatics). **2018**
- 13- Mohebi, Sara. Comparing the Efficiency of the Diagnostic Models for Tuberculosis Using Multi-layer Perceptron Neural Network and Adaptive Neuro-Fuzzy Inference System (Medical Informatics). **2018**
- 14- Ramezani, F. Developing a Model for Diabetes Population-based Registry (Health Information Technology). **2018**
- 15- Bagheri, P. Comparative Study on Environment Organization of Developed Countries in Relation to ICT Policies (Health Information Technology). **2018**
- 16- Comparative Study on Admission, Discharge, and Transfer (ADT) Function of Hospitals Affiliated to Medical Universities in Tehran (Health Information Technology). **2018**
- 17- Ostadi, M. Developing an Evaluation Model for Rescue Information System (Health Information Technology). **2017**
- 18- Hosseini, S. Evaluation of Intensive Care Unit (ICU) Information Systems in Hospitals Affiliated with Shahid Beheshti University of Medical Sciences (Health Information Technology). **2016**
- 19- Shahbazi, N. Study on Health Information Technology (HIT) Departments in Hospitals Affiliated to Jondi- Shapour University of Medical Sciences (Health Information Technology). **2016**
- 20- Taherian, M. Comparing the Efficiency of Multiple Decision Tree (MDT) and Cox Regression Models for Predicting the Survival of Patients with Leukaemia (Medical Informatics). **2016**
- 21- Kheirian, S. Comparing the Efficiency of Support Vector Machine (SVM), Decision Tree (DT) Models for Predicting the Survival of Patients with Colorectal Cancer (Medical Informatics). **2016**
- 22- Shaeri, M. Comparing the Efficiency of Multi-layer Perceptron (MLP) and Decision Tree (DT) for Prediction of Chronic Lymphoblastic Leukaemia (Medical Informatics). **2016**
- 23- Mohammadi, A. Study of Pharmacy Information System in Hospitals Affiliated with Shahid Beheshti University of Medical Sciences (Health Information Technology). **2016**

- 24- Bastam, M. Design and Evaluation of a Mobile Application for First-Aids Assistance in Road Accidents (Medical Informatics). **2016**
- 25-Jafar-Beiglou, A. Developing an Evaluation Model for Cardiovascular Diseases Clinical Decision Support System (Medical Informatics). **2016**
- 26- Shadmani, S. Design and Evaluation of Pharmaceutical Error Detection Software (Medical Informatics). **2016**
- 27-Study on Information Flow in Royan Fertility Institute (Health Information Technology). **2016**
- 28- Sohrabi, S. Comparing the Efficiency of Prediction Models for Breast Cancer Using Genetic Algorithm and Multi-layer Perceptron (MLP) Techniques (Medical Informatics). **2016**
- 29- Nourani, A. Comparing the Efficiency of Prediction Models in Patients with Colorectal Cancer using Parametric and Non-Parametric Approaches (Medical Informatics). **2016**
- 30- Mohammad-Hassan Zadeh, N. Comparing the Efficiency of Prediction Models for Gastric Cancer Using Multi-layer Perceptron (MLP), Decision Tree (DT), and Neural Network Techniques (Medical Informatics). **2016**
- 31- Shabhdodaghi, R. Developing an Evaluation Model for Cancer Registry System (Medical Informatics). **2016**
- 32- Salmani, M. Study on Hospital-based Eye Injuries Registry System in Hospitals Affiliated to Medical Registries in Tehran (Health Information Technology). **2016**
- 33- Golshani, M. Study on Information Technology Adoption in Emergency Departments of Hospitals Affiliated with Shahid Beheshti University of Medical Sciences (Health Information Technology). **2016**
- 34- Golparvar, S. Evaluation of Curriculum of M.Sc in Medical Informatics Set by MoH of Iran (Medical Informatics). **2016**
- 35- Bavafa, A. Comparative Study on Minimum Dataset of Hospital Information Systems in Developed Counties (Health Information Technology). **2016**
- 36- Evaluating Dialysis Patients Information Systems in Iran (Health Information Technology). **2016**
- 37- Study on Multiple Sclerosis (MS) Registry Software in Hospitals Affiliated to Shahid Beheshti University of Medical Sciences (Health Information Technology). **2016**
- 38- Study on Pharmacovigilance Programme in Hospitals Affiliated to Shahid Beheshti University of Medical Sciences (Health Information Technology). **2016**
- 39- Mahmoudi, R. Study on Operation Room Management Information System in Hospitals affiliated to Medical Universities in Tehran (Medical Informatics). **2016**
- 40- Bordbar, A. Feasibility Study of Medical Informatics e-Learning Programme in Iran (Medical Informatics). **2014**
- 41- Deimazar, G. Developing an Evaluation Model for Pharmacy Information Systems in Hospitals Affiliated with Medical Universities in Tehran (Health Information Technology). **2014**
- 42- Jahangiri, S. Evaluation of National Electronic Health Records (SEPAS) (Health Information Technology). **2014**
- 43- Ahmadzadeh, B. The Efficiency of Multi-layer Perceptron (MLP) Technique for Predicting Coronary Artery Disease (Medical Informatics). **2014**

44- Norouzi, A. Evaluation of Mental Health Information System in Hospitals Affiliated with Medical Universities in Tehran (Health Information Technology). **2013**

45- Pareshi, M. Study of Risk Management in Health Information Technology Department (HIT) in Hospitals Affiliated to Medical Universities in Tehran (Health Information Technology). **2013**

46- Maghsoudi, E. Evaluation of Nursing Management Information System in Hospitals Affiliated with Medical Universities in Tehran (Health Information Technology). **2012**

Research Projects

1-Subject: Electronic Services in Social Security Organizations and Factors Influencing the Implementation of the Programme

Achievements: 1 Published Book “Digital Revolution and Citizenship Rights”

2-Subject: Design, Development, and Evaluation of a Dashboard for Emergency Department Management

Achievements: 1 Software Product, 2 Published Papers

1- *BMC Medical Informatics and Decision Making*, 2022: 22 (287) (UK, IF: 3.29)

2- *Archives of Academic Emergency Medicine*, 2021: 9 (1) (Q1, Web of Science Core Collection, Emerging Sources Citation Index (ESCI), Scopus, PubMed)

3-Subject: Design and Evaluation of a Registry Software for Coronary Artery Disease (CAD)

Achievements: 1 Software Product, 1 Published paper in *BioMed Research International*, 2023 (UK, IF3.24)

4-Subject: Developing a Population-based Registry for Drug Poisoning in Iran.

Achievements: One Published Book, and 4 Journal Publications

Book: *Population-base Disease Registry with an Approach to Drug Poisoning*. 2023. Tehran: Sayeh Salamat.

1- Published paper in *Iranian Journal of Pharmaceutical Research*; 2022, 21 (1) (IF: 2.09, Q4, Scopus, Embase)

2- Published paper in *Iranian Journal of Medical Toxicology and Forensic Medicine*; 2021, 11 (3) (Scopus, Embase)

3- 1 Published paper in *Iranian Journal of Pharmaceutical Research*; 2021, 20 (2) (IF: 2.09, Q4, Scopus, Embase)

4- 1 Published paper in *Shiraz E-Medical Journal*; 2021, 23 (5) (Scopus, Embase, Q4)

5-Subject: Design and Evaluation of a Computerized Provider Order Entry (CPOE) Supported with CDSS for Breast Cancer.

Achievements: 1 Software Product, 2 Journal Publications

1- *International Journal of Cancer Management*; 2022, 15 (3) (ESCI Web of Sciences Core Collections, Scopus Q3)

2- *Shiraz E-Medical Journal*; 2022, 23 (5) (Scopus, Embase, Q4)

6-Subject: Observatory of Pervasive and Effective Virtual Medical Education for Situations Similar to Covid-19 Quarantine

Achievements: In progress

7-Subject: Comparative Study of Medical Informatics Human Resources in Regional, European, and North American Countries

Achievements: In progress

8-Subject: Design and Evaluation of a Mobile Application for Self-Management of Metabolic Syndrome

Achievements: In progress

9-Subject: Developing a Model for Covid-19 Vaccination Information Management System in Pregnant Women.

Achievements: In progress (Drafting 3 manuscripts has completed)

10-Subject: Auditing the Quality of Trauma Coding Based-on ICD-10 in SEPAS (National Electronic Health Records System) in Hospitals Affiliated to Shahid Beheshti University of Medical Sciences

Achievements: 1 Published Article in *Trauma Monthly*; 2021, 26 (3) (Iran, ESCI, Web of Sciences Core Collections "ISI, Thomson Reuters, Scopus, Embase)

11-Subject: Developing a Population-based Model for Managing Cardiovascular Diseases and Design and Evaluation of Hospital-based Software for Data Management

Achievements:

1 Software Product,

1 Khayam Award,

1 Published Articles in *Perspective in Health Information Management*, 1; 16(Winter):1b. eCollection 2019 Winter (PubMed Central)

12-Subject: Developing a Model for Health Information Management Governance in Iran.

Achievements: 2 Published Articles

1- *Crescent Journal of Medical and Biological Sciences*; 2021, 8 (1) (Emerging Sources Citation Index)

2- *Journal of Medicine and Life*, 2020; 13 (4) (Scopus, Q3, SJR: 0.38)

13-Subject: Design and Evaluation of a Mobile Application for Relapse Prevention to Methamphetamine Use Disorder

Achievements: 1 Mobile Application, 1 Published Article in *International Journal of High Risk Behaviors and Addiction*; 2020, 9 (1) (Iran, Scopus, EBSCO, WHO-EMRO index Medicus)

14- Subject: Design and Evaluation of a Software for Error Detection in Patients' Pharmaceutical Data

Achievements: 1 Published Article in *Archives of Advances in Biosciences*; 2022, 13 (2); (Iran, ISC)

15- Subject: Analysis of Road Traffic Accidents Using Geographical Information System (GIS)

Achievements: 1 Published Article in *Global Journal of Health Science*, 2017, 9 (5), 156-166; (Canada, EBSCOhost, Index Copernicus)

National Memberships

1-Member of National Institute for Medical Research Development- NIMAD (Electronic Health and Artificial Intelligence Committee), **2023- Present.**

2-Member of Board of Directors and Scientific Secretary to Iranian Medical Informatics Association (IRAMI), **2019-Present.**

3-Member of Board of Directors and Treasurer to Iranian Medical Informatics Association (IRAMI), **2012-2018.**

Awards and Honors

1- Nominated member of Academy of Medical Sciences (AMS), Digital Health Working Group, **2022.**

Note: The AMS is a top and prestigious body in the country, serving consultation and solutions to the Ministry of Health (MoH) and other relevant organizations.

2- *Khayyam* National Award for featured PhD projects- Design and Evaluation of a Registry for Cardiac Catheterization Per Cutaneous Intervention (Cath PCI), **2019.**

3- Top Ranked Faculty Member in Shahid Motahari 9th Educational Festival, **2014.**

4- *John Campbell Trust*, UK (award was granted to a project on the NHS National Programme for IT-NPfit), **2008.**

5- Full-time PhD scholarship, Ministry of Health and Medical Education, Iran, **2005**.

6- Top Ranked Researcher in Kashan University of Medical Sciences, **2005**.

Congress Scientific Committee/Panel Member

1- Member of Scientific Committee to HealthInf 2024- 17th International Conference on Health Informatics. Italy, **2024**.

2- A Jury Member to eBall Tech Event run by Smart University of Medical Sciences (Examining the Start- up Projects in Healthcare at a National Level). Iran, **2022**.

3- Member of Scientific Committee to International Telemedicine Conference. Iran, **2022**.

4- Member of Scientific Committee to the 2nd Congress on Medical Informatics and 7th Conference of eHealth and ICT Application in Healthcare. Iran, **2018**.

5- Member of Scientific Committee to the 1st Congress on Health Information Technology and 5th Congress on Health Information Management. Iran, **2018**.

6- A panel member in the international conference on E-Health. Iran, **2012**.

Journal Editorial Board/Book Editor

1- Editorial Board of PLOS ONE (PLOS) – USA, **2023-Present**.

<https://journals.plos.org/plosone/static/editorial-board>

2- Editorial Board of BMC Medical Informatics and Decision Making (Springer Nature) – UK, **2023-Present**.

<https://bmcmmedinformdecismak.biomedcentral.com/about/editorial-board>

3- Editorial Board of Advances in Mobile Learning Educational Research (AMLER) – Singapore, **2023-Present**.

<https://www.syncsci.com/journal/AMLER/about/editorialTeam>

4-**2023**- Editorial Board of Journal of Information Analysis- China, **2023-Present**.

<https://www.innovationforever.com/aboutjournal/JIA/EditorialBoard>

5- Editorial Board of Journal of Visualized Medicine (JoVM), Iran, **2023-Present**.

6- Editorial Board of Archives of Advances in Biosciences (AAB), Iran, **2022-Present**.

<https://journals.sbmu.ac.ir/aab/about/editorialTeam>

7- Book Editor- “Big Data and Its Analysis in Health” – Iranian Social Security Organization. **2019**-

8- Editor to Journal of Kashan University of Medical Sciences (KAUMS), known as Feyz. **2004**
<https://feyz.kaums.ac.ir/page/71/Indexing-Sources>

9- **Technical** Manager to Journal of Health Administration, formerly known as Quarterly Journal of Management and Medical Information Sciences, Iran University of Medical Sciences (IUMS), **2001.**

<https://jha.iums.ac.ir/page/79/Indexing-and-Abstracting>

Administrative Experience and Executive Positions

2022-Present, Deputy of Education to Department of Information Technology and Management

2019- Present, Academic Secretary to Iranian Association of Medical Informatics (IRAMI)

2012-2018, Treasurer to Iranian Association of Medical Informatics (IRAMI)

2016- Examiner to National PhD Exam in Medical Informatics, Governor: Ministry of Health of Iran through Tehran University of Medical Sciences

2017- Examiner to National PhD Exam in Medical Informatics, Governor: Ministry of Health of Iran through Iran University of Medical Sciences

2018- Examiner to National PhD Exam in Medical Informatics, Governor: Ministry of Health of Iran through Iran University of Medical Sciences

2019- Examiner to National PhD Exam in Medical Informatics, Governor: Ministry of Health of Iran through Mashhad University of Medical Sciences

Research Interests:

Health Information Systems Analysis and Evaluation, Clinical Decision Support Systems, Computerized Provider Order Entry (CPOE), Medical Registries, Medical Dashboards, Mobile Health (mhealth)/ Mobile Applications, eHealth/Digital Health, Healthcare Information Strategies, User-Centered Design of Information Systems, Human Computer Interaction (HCI), Systematic Reviews, IT adoption and Change Management, Qualitative Research Methodologies.

Skills

Computer: MS Project, ATLAS Ti, NVivo, Endnote, SPSS, Enterprise Architecture, Rational Rose

English Language: Professional level, Teachers Training Certificate (TTC)