

# Summary of Educational, Research and Executive Background

Curriculum Vitae (CV)



**Mohammad Reza Mazaheri**

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## University Education

1. **Ph.D. in Medical Informatics** – Mashhad University of Medical Sciences
2. **MSc. in Computer Engineering (Software)** – Islamic Azad University/Mashhad Branch
3. **B.Sc. in Computer Engineering (Software)** – Islamic Azad University/Mashhad Branch

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## Academic Experience

1. **Faculty Member, Department of Health Information Technology** – Varastegan Institute for Medical Sciences – (October 2018 – present)
2. **Adjunct Professor, Department of Medical Informatics** – Mashhad University of Medical Sciences – (February 2020 – present)
3. **Adjunct Professor, Department of Computer Engineering** – Islamic Azad University, Mashhad Branch – (February 2020 – October 2020)
4. **Adjunct Professor, Department of Computer Engineering** – Khayyam University of Mashhad – (October 2012 – February 2017)
5. **Adjunct Professor, Department of Computer Engineering** – Asrar Institute of Higher Education – (October 2012 – February 2015)
6. **Adjunct Professor, Department of Computer Engineering** – Motahar Institute of Higher Education (October 2013 – February 2014)
7. **Lecturer in BioStatistics** – Sina Medical Sciences Institute – (2014 – 2019)

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## Administrative & Executive Roles

1. **Head of Health Information Technology Department** – Varastegan Institute for Medical Sciences – (June 2019 – present)
2. **Head of Journal Clubs, Department of Health Information Technology** – Varastegan Institute for Medical Sciences – (October 2018 – present)
3. **Student Affairs Coordinator, Department of Health Information Technology** – Varastegan Institute for Medical Sciences – (October 2018 – October 2019)
4. **Reviewer, Applied Clinical Informatics Journal** (ISI, IF = 2.9) – (Nov 2022 – present)
5. **Reviewer, INQUIRY: The Journal of Health Care Organization, Provision, and Financing** (ISI, IF = 1.7) – (Aug 2023 – present)
6. **Reviewer, Advanced Biomedical Research** (ESCI (ISI), IF=1.0) – (Nov 2025 – present)
7. **Reviewer, Navid No Journal** – Journal of Student Research Committee of Mashhad University of Medical Sciences – (October 2019 – present)
8. **Member, Convergence Working Group in the Excellence of Advanced Sciences and Technologies** – Varastegan Institute for Medical Sciences – (January 2022 – January 2024)

9. **Scientific Committee Member, 5th National Conference on Information Technology & Health Promotion with a Focus on Telehealth** – AJA University of Medical Sciences – (June 2022)
10. **Scientific Secretary, 4th National Conference on Information Technology & Health Promotion with a Focus on Smart Health** – Varastegan Institute for Medical Sciences – (November 2021)
11. **Scientific Committee Member, 3rd National Conference on Information Technology & Health Promotion with a Focus on Nursing** – Tehran University of Medical Sciences – (December 2020)
12. **Panel Member, 4th National Conference on Information Technology & Health Promotion with a Focus on Smart Health** – Varastegan Institute for Medical Sciences – (November 2021)
13. **Panel Member, Second National Conference on Information Technology & Health Promotion with a Focus on Cancer** – Tarbiat Modares University – (September 2019)
14. **Member, Iranian Medical Informatics Scientific Association** – (Nov 2023 – present)

## Teaching Experience

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### Ph.D. Program

1. **Human-Computer Interaction (HCI)** – Mashhad University of Medical Sciences – 1 Semester – (2019)

### Master 's Degree

1. **Management in Medical Informatics** – Mashhad University of Medical Sciences – 2 Semesters – (2014 – 2016)
2. **Structure of Medical Data and Electronic Health Record** – Mashhad University of Medical Sciences – 1 Semester – (2015)

### Undergraduate

1. **Computer Network and Systems Security** – Varastegan Institute for Medical Sciences – 3 Semesters – (2017 – 2019)
2. **Data Quality and Health Information System** – Varastegan Institute for Medical Sciences – 3 Semesters – (2017 – 2019)
3. **Mathematics** – Varastegan Institute for Medical Sciences – 2 Semesters – (2018 – 2019)
4. **IT English Language (1)** – Varastegan Institute for Medical Sciences – 2 Semesters – (2018 – 2019)
5. **Research Methods** – Varastegan Institute for Medical Sciences – 10 Semesters – (2018 – present)
6. **Health Information Technology 1** – Varastegan Institute for Medical Sciences – 1 Semester – (2018)
7. **Health Informatics 2** – Varastegan Institute for Medical Sciences – 3 Semesters – (2018 – 2020)
8. **IT English Language (2)** – Varastegan Institute for Medical Sciences – 1 Semester – (2018)
9. **Inferential Biostatistics** – Varastegan Institute for Medical Sciences – 9 Semesters – (2018 – present)
10. **Health Information Technology 2** – Varastegan Institute for Medical Sciences – 1 Semester – (2018)
11. **HIM English Language (2)** – Varastegan Institute for Medical Sciences – 3 Semesters – (2018 – 2020)
12. **Health Information Technology Research Project** – Varastegan Institute for Medical Sciences – 9 Semesters – (2018 – present)
13. **HIM English Language (1)** – Varastegan Institute for Medical Sciences – 2 Semesters – (2019 – 2020)
14. **Basic Mathematics** – Varastegan Institute for Medical Sciences – 10 Semesters – (2020 – present)
15. **Preliminary BioStatistics** – Varastegan Institute for Medical Sciences – 8 Semesters – (2020 – present)
16. **HIM English Language** – Varastegan Institute for Medical Sciences – 5 Semesters – (2020 – 2024)
17. **Computer Networks** – Varastegan Institute for Medical Sciences – 8 Semesters – (2020 – present)
18. **Computer Networks Laboratory** – Varastegan Institute for Medical Sciences – 8 Semesters – (2020 – present)
19. **Fundamentals of Epidemiology** – Varastegan Institute for Medical Sciences – 2 Semesters – (2021 – 2022)
20. **Principles of Epidemiology** – Varastegan Institute for Medical Sciences – 8 Semesters – (2022 – present)
21. **Data Structure** – Varastegan Institute for Medical Sciences – 7 Semesters – (2022 – present)
22. **Application of Health Information Systems** – Varastegan Institute for Medical Sciences – 4 Semesters – (2021 – 2024)
23. **Application of Health Information Systems Laboratory** – Varastegan Institute for Medical Sciences – 4 Semesters – (2021 – 2024)
24. **Health Data Indicators and Analysis** – Varastegan Institute for Medical Sciences – 1 Semester – (2021)
25. **Preliminary Statistics** – Varastegan Institute for Medical Sciences – 1 Semester – (2023)
26. **Introduction to Health Informatics** – Mashhad University of Medical Sciences – 2 Semesters – (2017 – 2018)

27. **Principles of Information Technology** – Islamic Azad University, Mashhad Branch – 1 Semester – (2019)
28. **Discrete Buildings** – Khayyam University of Mashhad – 4 Semesters – (2011 – 2013)
29. **Software Engineering 1** – Khayyam University of Mashhad – 9 Semesters – (2012 – 2016)
30. **Systems Analysis and Design** – Khayyam University of Mashhad – 9 Semesters – (2012 – 2016)
31. **Internet Engineering** – Khayyam University of Mashhad – 6 Semesters – (2014 – 2016)
32. **Database** – Asrar Institute of Higher Education – 1 Semester – (2011)
33. **Discrete Mathematics** – Asrar Institute of Higher Education – 1 Semester – (2011)
34. **Technical English Language** – Asrar Institute of Higher Education – 2 Semesters – (2012 – 2014)
35. **Computer Graphics** – Asrar Institute of Higher Education – 1 Semester – (2012)
36. **Creating a Database** – Asrar Institute of Higher Education – 1 Semester – (2012)
37. **Internet Engineering** – Asrar Institute of Higher Education – 4 Semesters – (2012 – 2014)
38. **Computer Networks** – Asrar Institute of Higher Education – 4 Semesters – (2012 – 2014)
39. **Operating System 2** – Asrar Institute of Higher Education – 1 Semester – (2013)
40. **Software English Language** – Motahar Institute of Higher Education – 1 Semester – (2012)
41. **Technical English Language** – Motahar Institute of Higher Education – 1 Semester – (2013)
42. **Database** – Sama Technical and Vocational School – 1 Semester – (2012)
43. **BioStatistics** – Sina Institute for Medical Sciences – (2014 – 2019)

## Teaching in Workshops and Training Courses

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### Long-term Training Courses

1. **11th Comprehensive Training Course in Essay Writing** – Varastegan Institute for Medical Sciences – (8 Hours, 2026)
2. **9th Comprehensive Training Course in Essay Writing** – Varastegan Institute for Medical Sciences – (8 Hours, 2025)
3. **8th Comprehensive Training Course in Essay Writing** – Varastegan Institute for Medical Sciences – (6 Hours, 2024)
4. **7th Comprehensive Training Course on Essay Writing** – Varastegan Institute for Medical Sciences – (4 Hours, 2024)
5. **Comprehensive Workshop on Scientific Writing** – Varastegan Institute for Medical Sciences – (8 Hours, 2023)
6. **From Zero to 100 Publishing an article in a reputable journal** – Varastegan Institute for Medical Sciences – (8 Hours, 2022)
7. **Application of New Technologies During COVID-19** – 14<sup>th</sup> International Conference on Operations Research at Sajjad University – (4 Hours, 2021)
8. **How to Publish a Scientific Article in Reputable Journals** – Varastegan Institute for Medical Sciences – (8 Hours, 2019)
9. **How to Write a Scientific Article in English** – Varastegan Institute for Medical Sciences – (6 Hours, 2019)
10. **Decision Making in Medicine** – Mashhad University of Medical Sciences – (4 Hours, 2014)

### Short-term Workshops

1. **10th Comprehensive Training Course in Essay Writing** – Varastegan Institute for Medical Sciences – (2 Hours, 2025)
2. **Introduction to Artificial Intelligence Tools in Research** – Varastegan Institute for Medical Sciences – (2 Hours, 2024)
3. **Principles of Quick and Accurate Selection of Top Relevant Articles** – Varastegan Institute for Medical Sciences – (2 Hours, 2023)
4. **Research Courses** – 2nd Summer School of Varastegan Institute for Medical Sciences – (2 Hours, 2022)
5. **How to Publish a Scientific Article in Reputable Journals** – 4th Conference on Information Technology and Health Promotion with a Focus on Smart Health – (2 Hours, 2021)
6. **Research Courses** – 1st Summer School of Varastegan Institute for Medical Sciences – (2 Hours, 2021)
7. **Application of Information Technology during Covid-19** – Retraining of Varastegan Institute for Medical Sciences – (2 Hours, 2020)
8. **Network Design with Cisco Packet Tracer Software** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
9. **Information Retrieval** – Mashhad University of Medical Sciences – (2 Hours, 2014)

## Scholarly Works / Publications

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### Books / Authored Books

1. Gholamreza Moradi, Fatemeh Moghbeli, Mohammad Reza Mazaheri, Mostafa Jahangir. (2021). **Health Information Management 1 & 2**. Heidari Publications.
2. Fatemeh Moghbeli, Mohammad Reza Mazaheri, Haniyeh Keykhaei Moghaddam, Arvin Babaei, Sajedah Salari, Mahsa Chaji. (2023). **Comprehensive English Language Textbook for Medical Students**. Heidari Publications.
3. Gholamreza Moradi, Mostafa Jahangir, Mohammad Reza Mazaheri, Fatemeh Moghbeli, Esmat Mashoof, Amin Adel, Vahid Rasi, Abbas Lotfi, Hassan Niroumand. (2024). **Handling and calculating hospital and outpatient insurance documents and how to monitor and inspect medical centers**. Heidari Publications.

### Journal Articles / Scientific Papers

1. Jafari J, Karlgren K, Karimi Moonaghi H, Mazaheri Habibi MR, Eslami S, Masiello I, Bonacina S. **Aspects Supporting and Hindering Type 2 Diabetes Self-Management in Web-Based Educational Portals: Usability Testing Study With Updated Framework in Razavi-Khorasan, Iran**. JMIR Hum Factors. 2026;13:e78903. (PubMed, ESCI (IF = 3.0))
2. Mohebbi H, Dehghani T, Kheirdoust A, Saleh N, Ghaddaripouri K, Azarfar A, Mazaheri Habibi MR. **Predicting nephrotic syndrome outcomes in children using machine learning: insights from a cross-sectional study**. BMC Nephrology. 2026. 27:26. (ISI, IF = 2.4)
3. Esmailzadeh A, Rashki Kemmak A, Sezavar Dokhtfaroughi S, Rasoulilian A, Mazaheri Habibi MR. **Investigating the role of artificial intelligence in the diagnosis and prediction of endometriosis using ultrasound images: a systematic review**. Reproductive Health. 2026. 23:31. (ISI, IF = 3.4)
4. Bohloully F, Kheirdoust A, Ghaddaripouri K, Sheibani R, Mazaheri Habibi MR. **Usability Evaluation of the Karafs Application: A Qualitative Study Using the Think-Aloud Method**. Health Science Reports. 2026; 9:e71713. (PubMed, ESCI (IF = 2.1))
5. Kheirdoust A, Mazaheri Habibi MR, Emadzadeh A, Jafarzadeh Esfehiani A, Agha Seyyed Esmaeil Amiri FS, Ghaddaripouri K, Eslami S. **Investigating the approach of using behavior change techniques in the field of mobile applications: a systematic review**. BMC Health Services Research. 2025. 25:1347. (ISI, IF = 3.0)
6. Mazaheri Habibi MR, Norouzkhani N, Moghbeli F, Mohammadi Majd M, Moradi GH, Setoodefar M. **Assessing the Satisfaction of Physicians in Using the Electronic Prescription System of Social Security in Iran: A Cross-Sectional Study**. Health Science Reports. 2025; 8:e71473. (PubMed, ESCI (IF = 2.1))
7. Setoodefar M, Tabesh H, Etminani K, Mazaheri Habibi MR, Dabir Z, Fatemi Aghda SA. **Ranking patients' non-clinical preferences in referring to specialist physicians in the private sector: a cross-sectional study**. BMC Health Services Research. 2025. 25:1519. (ISI, IF = 3.0)
8. Kheirdoust A, Barzanouni F, Rasoulilian A, Behrouzi F, Esmailzadeh A, Ghaddaripouri K, Mazaheri Habibi MR. **Evaluation of Machine Learning Methods Developed for Prediction and Diagnosis of Pneumonia: A Systematic Review**. Health Science Reports. 2025; 8:e71446. (PubMed, ESCI (IF = 2.1))
9. Ghahramani P, Kiani B, Norouzkhani N, Khoshkangin A, Kheirdoust A, Mazaheri Habibi MR. **Geospatial Visualization of Dialysis Accessibility in Shiraz: A Nonanalytical Geographic Information System Approach**. Health Science Reports. 2025 Aug;8(8):e71137. (PubMed, ESCI (IF = 2.1))
10. Ghashghaei N, Rashki Kemmak A, Shishebor S, Shoraka A, Dankoob F, Taheri S, Mazaheri Habibi MR. **Enhancing Self-Care Education in Celiac Disease Through Mobile Health: A Systematic Review**. Health Science Reports. 2025 Aug;8(8):e71086. (PubMed, ESCI (IF = 2.1))
11. Bakhshayesh S, Gholoobi A, Moulai K, Khoshrounejad F, Mazaheri Habibi MR, Ebnehoseini Z, Jangi M, Eslami S. **From hospital to home: a comprehensive platform supporting cardiac rehabilitation post-revascularization**. BMC Medical Informatics and Decision Making. 2025 Jul 1;25(1):225. (ISI, IF = 3.3)
12. Ghashghaei N, Kemmak AR, Goli E, Astaneh SS, Dahri M, Mazaheri Habibi MR. **Beneficial effects of ginger on prevention of obesity through Modulation of gut microbiota**. Journal of Health, Population, and Nutrition. 2025 Jun 15;44:200. (ISI, IF = 2.4)
13. Raje F, Moghbeli F, Sangsefidi Z, Roshkhar HM, Mazaheri Habibi MR. **Usability evaluation of the Doctor Saina online consultation application using the think-aloud method**. Advances in Medical Informatics. 2025 May 14;1:5. (Scopus)
14. Mohammadi Mogharab G, Khajouei R, Norouzkhani N, Esmaeili Z, Bagheri FZ, Mazaheri Habibi MR. **Expert evaluation of mobile health apps for breast cancer management: a feature-based analysis using the Mobile Application Rating Scale (MARS)**. BMC Health Services Research. 2025 Dec;25(1):1-7. (ISI, IF = 2.7)

15. Esmaeili N, Kheirdoust A, Ghaddaripouri K, Aghda SA, Molazemian H, Mazaheri Habibi MR. **The effect of improvement of nursing services and information technology courses: Perspective of nursing and midwifery students**. *Advances in Medical Informatics*. 2025 May 13;1:4. (Scopus)
16. Sotoudehfar M, Mazaheri Habibi MR, Gharzi Z, Rezadoust E, Moghbeli F. **The Impact of Excessive Mobile Phone Use on the Sleep Quality Behavioral Patterns**. *Advances in Medical Informatics*. 2025 May 4;1:3. (Scopus)
17. Hamzei M, Amiri M, Ghaddaripouri K, Kheirdoust A, MohammadAbadi M, Heidari AE, Mazaheri Habibi MR. **Prevalence of social anxiety disorder among medical students: A cross-sectional descriptive study**. *Advances in Medical Informatics*. 2025 Apr 6;1:2. (Scopus)
18. Arkani A, Norouzkhani N, Kheirdoust A, Ghaddaripouri K, Mazaheri Habibi MR. **Evaluating the effectiveness of the complementary therapy web application based on Kiddo game therapy on children with attention deficit hyperactivity disorder: a before and after study**. *BMC pediatrics*. 2025 Mar 28;25(1):247. (ISI, IF = 2)
19. Mazaheri Habibi MR, JafariMoghadam A, Norouzkhani N, Nazari E, Imani B, Kheirdoust A, Fatemi Aghda SA. **The use of neural networks to determine factors affecting the severity and extent of retinopathy in preterm infants**. *International Journal of Retina and Vitreous*. 2025 Mar 14;11(1):30. (ESCI (IF = 2), PubMed)
20. Moghbeli F, Setoodefar M, Mazaheri Habibi MR, Abbaszadeh Z, Keikhay Moghadam H, Salari S, et al. **Using mobile health in primiparous women: effect on awareness, attitude and choice of delivery type, semi-experimental**. *Reproductive Health* 21. 2024. (ISI, IF = 3.6)
21. Talebizadeh SZ, Salehi F, Setoodefar M, Mazaheri Habibi MR. **Investigating Factors Affecting Preterm Delivery from the Viewpoint of Physicians and Midwives in Mashhad**. *Current Women's Health Reviews*. 2024;20(4):67-77. (Scopus, ESCI (IF = 0.3))
22. Mazaheri Habibi MR, Abadi FM, Tabesh H, et al. **Evaluation of no-show rate in outpatient clinics with open access scheduling system: a systematic review**. *Health Sci Rep*. 2024;7:e2160. (PubMed, ESCI (IF = 2.1))
23. Ghaddaripouri K, Mousavi Baigi SF, Hashemi SA, Sezavar Dokhtfaroughi S, Dahmardeh Kemmak F, Mazaheri Habibi MR. **Awareness and attitude toward telemedicine of students at university of paramedical sciences**. *Front Health Inform*. 2024; 13: 208. (Scopus)
24. Amini F, Yazdipour AB, Rashki A, Sheibani R, Habibi MRM. **Evaluating the Impact of Social Media News on the Level of Students' Fear and Anxiety during the COVID-19 Pandemic**. *J Mod Educ Res*, 2024; 3: 2.
25. Salehi F, Mazaheri Habibi MR, Sharifian R, Kazemzadeh F, Setoodefar M. **Empowering chronic kidney disease patients: A personalized electronic health record system for enhanced care and management**. *Front Health Inform*. 2024; 13: 194. (Scopus)
26. Mazaheri Habibi MR, Mohammad Abadi F, Tabesh H, Vakili Arki H, Abu-Hanna A, Eslami S. **Overview and classification of evaluation metrics of appointment scheduling systems**. *Front Health Inform*. 2024; 13: 192. (Scopus)
27. Sheibani R, Mazaheri Habibi MR, Azadravesh H. **Providing a feature selection method for lung cancer prediction using a classifier**. *Front Health Inform*. 2024; 13: 187. (Scopus)
28. Ghaddaripouri K, Ghaddaripouri M, Mousavi AS, Mousavi Baigi SF, Rezaei Sarsari M, Dahmardeh Kemmak F, Mazaheri Habibi MR. **The effect of machine learning algorithms in the prediction, and diagnosis of meningitis: a systematic review**. *Health Sci Rep*. 2024;7:e1893. (PubMed, ESCI (IF = 2.0))
29. Mazaheri Habibi MR, Moghbeli F, Langarizadeh M, Fatemi Aghda SA. **Mobile health apps for pregnant women usability and quality rating scales: a systematic review**. *BMC Pregnancy Childbirth* 24, 34 (2024). (ISI, IF = 3.1)
30. Khoshkangin A, Agha Seyyed Esmail Amiri FS, Ghaddaripouri K, Noroozi N, Mazaheri Habibi MR. **Investigating the role of mobile health in epilepsy management: A systematic review**. *J Edu Health Promot* 2023;12:304. (PubMed, ESCI (IF = 1.4))
31. Rahmani F, Moghbeli F, Khoshkangin A, Mazaheri Habibi MR. **Evaluation of health literacy and its associated factors in paramedical students**. *Front Health Inform*. 2023; 12: 131. (Scopus)
32. Ghaddaripouri K, Mousavi Baigi SF, Abbaszadeh A, Mazaheri Habibi MR. **Attitude, awareness, and knowledge of telemedicine among medical students: a systematic review of cross-sectional studies**. *Health Sci Rep*. 2023;6:e1156. (PubMed, ESCI (IF = 2.0))
33. Aalaei S, Amini M, Mazaheri Habibi MR, Shahraki H, Eslami S. **A telemonitoring system to support CPAP therapy in patients with obstructive sleep apnea: a participatory approach in analysis, design, and evaluation**. *BMC Medical Informatics and Decision Making*. 2022 Dec;22(1):1-6. (ISI, IF = 3.298)

34. Mousavi Baigi SF, Moradi F, Vasseifard F, Mohammad Abadi F, Mazaheri Habibi MR. **The Effect of Nutrition Training on Knowledge of Students at University of Medical Sciences**. Topics in Clinical Nutrition. 2022 Jul 1;37(3):236-41. (ISI, IF = 0.508)
35. Ghaddaripouri K, Baigi SF, Noori N, Mazaheri Habibi MR. **Investigating the Effect of Virtual Reality on Reducing the Anxiety in Children: A Systematic Review**. Frontiers in Health Informatics. 2022 May 14;11(1):114. (Scopus)
36. Baigi SF, Baigi SM, Mazaheri Habibi MR. **Challenges and Opportunities of Using Telemedicine During Covid-19 Epidemic: A Systematic Review**. Frontiers in Health Informatics. 2022 Mar 5;11(1):109. (Scopus)
37. Amiri FS, Bohlouly F, Khoshkangin A, Razmi N, Ghaddaripouri K, Mazaheri Habibi MR. **The effect of telemedicine and social media on cancer patients' self-care: A systematic review**. Frontiers in Health Informatics. 2021 Sep 25;10(1):92. (Scopus)
38. Salehi F, Moradi G, Setodefar M, Mazaheri Habibi MR. **Investigating the Role of Clinical Dashboards in Improving Nursing Care: A Systematic Review**. Frontiers in Health Informatics. 2021 Aug 25;10(1):87. (Scopus)
39. Jangi M, Khajouei R, Tara M, Mazaheri Habibi MR, Ghalibaf AK, Zangouei S, Mostafavi M. **User testing of an admission, discharge, transfer system: Usability evaluation**. Frontiers in Health Informatics. 2021 May 14;10(1):77. (Scopus)
40. Mazaheri Habibi MR, Mohammadabadi F, Tabesh H, Vakili-Arki H, Abu-Hanna A, Eslami S. **Effect of an online appointment scheduling system on evaluation metrics of outpatient scheduling system: a before-after multicenter study**. Journal of medical systems. 2019 Aug;43(8):1-9. (ISI, IF = 4.920)
41. Ganjali R, Khoshrounejad F, Mazaheri Habibi MR, Taherzadeh Z, Golmakani R, Mostafavi SM, Eslami S. **Effect and features of information technology-based interventions on self-management in adolescent and young adult kidney transplant recipients: a systematic review**. Adolescent Health, Medicine and Therapeutics. 2019;10:173. (PubMed)
42. Mazaheri Habibi MR, Abadi FM, Tabesh H, Vakili-Arki H, Abu-Hanna A, Eslami S. **Evaluation of patient satisfaction of the status of appointment scheduling systems in outpatient clinics: identifying patients' needs**. Journal of advanced pharmaceutical technology & research. 2018 Apr;9(2):51. (PubMed)
43. Mazaheri Habibi MR, Khajouei R, Eslami S, Jangi M, Ghalibaf AK, Zangouei S. **Usability testing of bed information management system: A think-aloud method**. Journal of advanced pharmaceutical technology & research. 2018 Oct;9(4):153. (PubMed)
44. Ghalibaf AK, Jangi M, Mazaheri Habibi MR, Zangouei S, Khajouei R. **Usability evaluation of obstetrics and gynecology information system using cognitive walkthrough method**. Electronic physician. 2018 Apr;10(4):6682. (PubMed)
45. Kamel-Ghalibaf A, Khadem-Sameni F, Jangi M, Mazaheri-Habibi MR, Etminani K. **Design and Implementation of a Structured Electronic Form for Celiac Disease Pathology Reports: A Text Mining Approach**. Health Information Management. 2016 Apr 20;13(1):19-27.
46. Mazaheri MR, Homayounfar B, Mazinani SM. **Qos based and energy aware multi-path hierarchical routing algorithm in wsns**. Wireless Sensor Network. 2012 Feb 1;4(2):31.
47. Dehnavi M, Mazaheri MR, Homayounfar B, Mazinani SM. **Energy efficient and QoS based multi-path hierarchical routing protocol in WSNs**. In 2012 International Symposium on Computer, Consumer and Control 2012 Jun 4 (pp. 414-418). (IEEE)
48. Mazinani SM, Homayounfar B, Mazaheri MR. **An energy aware and distance based hierarchical routing protocol in WSNs**. In 2012 20th Telecommunications Forum (TELFOR) 2012 Nov 20 (pp. 1767-1771). (IEEE)
49. Sheyibani R, Sharififar E, Khosronejad M, Mazaheri MR, Homayounfar B. **A reliable and qos aware multi-path routing algorithm in wsns**. In 2012 Third International Conference on Emerging Intelligent Data and Web Technologies 2012 Sep 19 (pp. 125-132). (IEEE)
50. Mazaheri MR, Mazinani SM. **Optimized energy and qos aware multi-path routing protocol in wireless sensor networks**. International Journal of Computer Science and Information Security. 2011 Nov 1;9(11):79.

### **Conference Articles**

1. Aynaz Esmaeilzadeh, Mohammad Reza Mazaheri Habibi. **Investigating the role of artificial intelligence in predicting risk factors after liver transplantation: A systematic review**. 2nd Research and Technology Congress of Medical Sciences Students in the 7th Region of Iran. Jun 2025
2. Aynaz Esmaeilzadeh, Azam Kheirdoust, Alireza Rasouljan, Mohammad Reza Mazaheri Habibi. **Investigating the role of mobile health in self-care education of kidney transplant patients: A systematic review**. 2nd Research and Technology Congress of Medical Sciences Students in the 7th Region of Iran. Jun 2025

3. Aynaz Esmaeilzadeh, Mohammad Reza Mazaheri Habibi. **Investigating the role of artificial intelligence in the prediction and diagnosis of non-alcoholic fatty liver disease using ultrasound images: A systematic review**. 2nd International Congress on Artificial Intelligence in Medical Sciences. May 2025
4. Aynaz Esmaeilzadeh, Mohammad Reza Mazaheri Habibi, Mohammad Bastani, Alireza Rasoulia. **Investigating the role of artificial intelligence in predicting liver diseases using ultrasound images: A systematic review**. 2nd International Congress on Artificial Intelligence in Medical Sciences. May 2025
5. Aynaz Esmaeilzadeh, Zahra Ghanbari, Azam Kheirdoust, Mahya Najari, Mohammad Reza Mazaheri Habibi. **Evaluation of artificial intelligence algorithms for the prediction of acute kidney disease: a systematic review**. 2nd International Congress on Artificial Intelligence in Medical Sciences. May 2025
6. Sadjad Bashir Sarabi, Mohammad Reza Kheirosadat Mohammadabadi, Mohammad Reza Mazaheri Habibi. **Analysis of Artificial Intelligence Methods for Predicting and Detecting Counterfeit Medicines: A Systematic Review**. 2nd International Congress on Artificial Intelligence in Medical Sciences. May 2025
7. Mohammad Reza Mazaheri Habibi, Zahra Rezaei, Ayda Siavashi Jami, Mahdiyeh Zamiri Bidari, Azam Kheirdoust. **Investigation of artificial intelligence methods for the prediction and diagnosis of preeclampsia: A systematic review**. 2nd International Congress on Artificial Intelligence in Medical Sciences. May 2025
8. Amir Goli, Mohammad Reza Mazaheri Habibi. **Evaluation of mobile applications in the control and management of gestational diabetes: A systematic review**. 2nd International Congress on Artificial Intelligence in Medical Sciences. May 2025
9. Aynaz Esmaeilzadeh, Alireza Rasoulia, Azam Kheirdoust, Fatemeh Sadat Alizadeh Tabatabaei, Safa Ramezani, Afsaneh Sheikh, Mohammad Reza Mazaheri Habibi. **Investigating the Role of Artificial Intelligence in the Diagnosis of Butterfly Disease: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
10. Ayda Shoraka, Azam Kheirdoust, Fatemeh Dankoub, Sareh Taheri Aval, Mohammad Reza Mazaheri Habibi. **The Application of Artificial Intelligence in the Diagnosis of Inflammatory Bowel Disease: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
11. Sajedeh Salari, Ghaem Keyvanloo, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Self-Care Education of Parkinson's Disease: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
12. Amir Ehsan Heidari Dalouei, Mohammad Reza Mazaheri Habibi, Fatemeh Karimi Moghaddam, Sana Mahmoudi, Sadaf Afkhami Piraborji, Sajed Arabian. **Investigation of Artificial Intelligence Methods for Predicting GFR Reduction in Renal Patients: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
13. Maryam Abdollahi, Taban Shojaei, Mohammad Reza Mazaheri Habibi, Azam Kheirdoust. **Prediction of Tumor Response to Chemotherapy Using Machine Learning Methods: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
14. Elaheh Salimi, Mohammad Reza Mazaheri Habibi, Sina Mahi, Farnaz Fathi, Hesam Kiani, Sajed Arabian. **Investigating Machine Learning Models for Diagnosis of Fibrosis and Cirrhosis in Non-Alcoholic Fatty Liver Disease: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
15. Parisa Shahrokhi, Azam Kheirdoust, Melika Mojtahedzadeh, Mohammad Reza Mazaheri Habibi. **Artificial Intelligence Algorithms in the Diagnosis and Prediction of Celiac Disease: A Systematic Review**. 6th Shiraz International Congress on Mobile Health. March 2025
16. Raha Sefidfard, Mahla Rahimi Karimi, Yeganeh Dadras Saljoughi, Mohaddeseh Sadat Shojaei, Mohammad Reza Mazaheri Habibi, Sajed Arabian. **Challenges in the development of the Internet of Things: A systematic review**. 6th Shiraz International Congress on Mobile Health. March 2025
17. Faezeh Raje, Fatemeh Sadeghi Karizi, Fatemeh Moghbeli, Mohammad Reza Mazaheri Habibi. **Usability Evaluation of Dr. Saina's online medical consultation application using the think-aloud method**. 6th Shiraz International Congress on Mobile Health. March 2025
18. Aynaz Esmailzadeh, Alireza Rasoulia, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **The Effect of Artificial Intelligence Strategies on the Diagnosis of Ovarian Endometriosis: A Systematic Review**. The First International Virtual Congress on the Practical Application of Artificial Intelligence in Medical Sciences. February 2025
19. Zahra Nikravesh, Azam Kheirdoust, Mehran Khedmatgozar, Mohammad Reza Mazaheri Habibi. **Evaluating Artificial Intelligence Strategies for Predicting and Diagnosing Liver Cancer: A Systematic Review**. The First International Virtual Congress on the Practical Application of Artificial Intelligence in Medical Sciences. February 2025

20. Fatemeh Alizadeh Tabatabaei, Aynaz Esmailzadeh, Azam Kheirdoust, Alireza Rasoulia, Mohammad Reza Mazaheri Habibi. **The Role of Artificial Intelligence in the Diagnosis of Cervical Cancer Using Ultrasound Images: A Systematic Review**. 1st National Congress on Cancer and Nutrition. February 2025
21. Paniz Darbarpanah, Azam Kheirdoust, Niloufar Jami, Pedram Darbarpanah, Sajed Arabian, Mohammad Reza Mazaheri Habibi. **Investigating Artificial Intelligence Methods for Predicting Cardiovascular Disease Risk: A Systematic Review**. International Congress on Artificial Intelligence in the Field of Health. January 2025
22. Mahshid Villaei, Azam Kheirdoust, Niusha Sabzi, Maliheh Robati, Mohammad Reza Mazaheri Habibi. **Investigating Artificial Intelligence Methods for Predicting Stroke: A Systematic Review**. International Congress on Artificial Intelligence in the Field of Health. January 2025
23. Mahla Razzaghi Pouya, Azam Kheirdoust, Maryam Bahrami, Elnaz Abdolhosseinzadeh, Zeinab Afshar, Zahra Ghobadi, Sajed Arabian, Mohammad Reza Mazaheri Habibi. **Evaluation of Machine Learning Methods for Predicting Fatty Liver Severity: A Systematic Review**. International Congress on Artificial Intelligence in the Field of Health. January 2025
24. Aynaz Esmailzadeh, Azam Kheirdoust, Alireza Rasoulia, Mohammad Reza Mazaheri Habibi. **The Role of Telemedicine and Mobile-Based Technologies in the Prevention and Control of COVID-19 Anxiety: A Systematic Review**. National Conference on Lessons Learned from Corona. October 2024
25. Aynaz Esmailzadeh, Mohammad Reza Mazaheri Habibi, Azam Kheirdoust, Sajed Arabian, Alireza Rasoulia, Sadegh Abedi, Fatemeh Alizadeh Tabatabaei. **Investigation of Artificial Intelligence Algorithms in Diagnosis and Improvement of Diet in People with Metabolic Syndrome Disease: A Systematic Review**. 25th National & 11th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. September 2024
26. Amir Ehsan Heidari, Mohammad Reza Mazaheri Habibi, Azam Kheirdoust, Fatemeh Karimi Moghaddam, Sana Mahmoudi, Sadaf Afkhami Piraborji, Sajed Arabian. **Evaluation of Artificial Intelligence Models for Detection of Epilepsy Based on Seizure Monitoring: A Systematic Review**. 25th National & 11th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. September 2024
27. Aynaz Esmailzadeh, Mohammad Reza Mazaheri Habibi, Sajed Arabian, Azam Kheirdoust, Toos Kiani, Alireza Rasoulia, Sana Mahmoudi. **The Role of Telemedicine and Mobile Health in Creating a Green Hospital: A Systematic Review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
28. Aynaz Esmailzadeh, Mohammad Reza Mazaheri Habibi, Fatemeh Alizadeh, Azam Kheirdoust, Alireza Rasoulia. **Investigating the role of artificial intelligence in improving nutrition in children with phenylketonuria: a systematic review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
29. Shima Choupan, Mohammad Reza Mazaheri Habibi, Zahra Rezaei, Sajed Arabian, Ayda Siavashi, Mahdih Bidar, Azam Kheirdoust. **A review of artificial intelligence models for skin cancer diagnosis: a systematic review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
30. Elaheh Salimi, Sina Mahi, Farnaz Fathi, Hesam Kiani, Sajed Arabian, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Self-Care Education of Obsessive-Compulsive Disorder: A Systematic Review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
31. Mahla Razzaghi Pouya, Zahra Ghobadi, Zeinab Afshar Noghandari, Maryam Bahrami, Sajed Arabian, Mohammad Reza Mazaheri Habibi. **Artificial intelligence methods for the diagnosis of atrial fibrillation: a systematic review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
32. Abolfazl Nadafi Shahri, Sajed Arabian, Atena Jangi, Mahsa Moayedi, Mohammad Reza Mazaheri Habibi, Zahra Farkhondeh Javadi. **The Role of Mobile Health in Self-Care Education for Multiple Sclerosis Disease: A Systematic Review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
33. Mohammad Reza Mazaheri Habibi, Sajjad Shirvani, Azam Kheirdoust, Maryam Abdollahi, Fatemeh Sadeghi, Marzieh Akhondi, Fatemeh Karimi Moghaddam, Sajed Arabian. **The Role of Mobile Health in Bipolar Disease Self-Care Education: A Systematic Review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
34. Aynaz Azarmehri, Azam Kheirdoust, Paniz Darbarpanah, Sajed Arabian, Mohammad Reza Mazaheri Habibi. **Investigating Artificial Intelligence Algorithms for Diabetic Retinopathy Diagnosis: A Systematic Review**. The 1st Research and Technology Congress of Medical Science Students in 7th Region of Iran. April 2024
35. Haniyeh Mohebi, Mohammad Reza Mazaheri Habibi, Toktam Dehghani, Anoush Azarfar. **Prediction of nephrotic syndrome type in terms of corticosteroid-sensitive or treatment-resistant type at the beginning of treatment without the need for biopsy using machine learning methods**. 2nd National Congress on Artificial Intelligence in Medical Sciences. December 2023

36. Aynaz Esmailzadeh, Mohammad Reza Mazaheri Habibi, Alireza Rasoulia. **The Role of Mobile Health in Self-Care Education for Infertile Patients: A Systematic Review**. The 1st International Congress on Sustainable Population & Secure Future. December 2023
37. Negar Ghashghaei, Sareh Taheri, Shima Shishebor, Ayda Shoraka, Fatemeh Dankoub, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Celiac Disease Self-Care Education: A Systematic Review**. 24th National & 10th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. October 2023
38. Mohaddeseh Pourgheysar, Sara Mousavi, Fatemeh Arezoomand, Mahla Razzaghi, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **Evaluating Artificial Intelligence Methods for Predicting Ectopic Pregnancies: A Systematic Review**. 24th National & 10th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. October 2023
39. Aynaz Esmailzadeh, Mohammad Reza Mazaheri Habibi. **The role of mobile health in self-care education in psoriasis: a systematic review**. 24th National & 10th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. October 2023
40. Elaheh Salimi, Sajedah Salari, Maryam Sharifi, Zahra Ghobadi, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Lupus Self-Care Education: A Systematic Review**. 24th National & 10th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. October 2023
41. Mobina Fadaei, Mahla Rahimi, Kosar Gholami, Zahra Safari, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Periodontitis Self-Care Education: A Systematic Review**. 24th National & 10th International Annual Congress on Research and Technology of Iranian Medical Sciences Students. October 2023
42. Azam Kheirdoust, Saeid Eslami, Ali Emadzadeh, Ali Jafarzadeh, Raheleh Ghochannejad, Mohammad Reza Mazaheri Habibi. **Increasing Health Literacy in Overweight Non-Alcoholic Fatty Liver Disease Patients: An Approach to Using Behavior Change Techniques in Personalized Content Delivery**. The 1st International Congress on Health Literacy & 4th International Congress on Health Education and Health Promotion. August 2023
43. Azam Kheirdoust, Maryam Abbasi, Mohammad Mehdi Kamyar, Mohammad Reza Mazaheri Habibi, Fatemeh Golmakani. **Artificial Intelligence Solutions in the Prediction, Control and Prevention and Diagnosis of Nosocomial Infections: A Systematic Review**. 1st International Congress on Artificial Intelligence in Medical Sciences. May 2023
44. Maryam Abbasi, Azam Kheirdoust, Fatemeh Golmakani, Mohammad Reza Mazaheri Habibi, Mohammad Mehdi Kamyar. **The Effect of Using Deep Learning Algorithms in CT Scan and Chest X-ray Images on Improving COVID-19 Diagnosis**. 1st International Congress on Artificial Intelligence in Medical Sciences. May 2023
45. Azam Kheirdoust, Mohammad Mehdi Kamyar, Mohammad Reza Mazaheri Habibi, Fatemeh Golmakani. **The Effect of Using Electronic Disease Process Form on Improving the Diagnostic Performance, Type and Dose of Medication by Health Caregivers and Patient Response to Treatment in Mashhad Electronic Hospital in 2022**. 1st International Congress on Artificial Intelligence in Medical Sciences. May 2023
46. Fatemeh Golmakani, Mohammad Mehdi Kamyar, Mohammad Reza Mazaheri Habibi, Maryam Abbasi, Azam Kheirdoust. **Design and Development of a Web-Based Hospital Information System in Mashhad Electronic Hospital**. 1st International Congress on Artificial Intelligence in Medical Sciences. May 2023
47. Kosar Ghaddaripuri, Maryam Ghaddaripuri, Atefeh Sadat Mousavi, Seyyede Fatemeh Mousavi Baigi, Mohammad Reza Mazaheri Habibi. **The Effect of Machine Learning Algorithms on the Prediction, Diagnosis and Prevalence of Meningitis: A Systematic Review**. 1st International Congress on Artificial Intelligence in Medical Sciences. May 2023
48. Elaheh Nouri, Mohaddeseh Homaeifar, Monireh Dehri, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **To investigate the role of mobile health in the treatment of Bulimia neurological disorder: a systematic review**. 5th Shiraz International Congress on Mobile Health. February 2023
49. Maedeh Tatari, Narges Shahbaz, Zahra Namvar, Monireh Dehri, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **To investigate the role of mobile health in the treatment of the neurological disorder Anorexia: a systematic review**. 5th Shiraz International Congress on Mobile Health. February 2023
50. Negin Tavanaei, Fatemeh Behrouzi, Reyhaneh Hosseinnia, Mahdieh Ebrahimzadeh, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **Evaluation of Machine Learning Methods for Predicting Alzheimer's Disease: A Systematic Review**. 5th Shiraz International Congress on Mobile Health. February 2023

51. Fatemeh Zahra Bagheri, Zahra Esmaeili, Laya Tadayon, Mahsa Darroudi, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Autism Self-Care Education: A Systematic Review**. 5th Shiraz International Congress on Mobile Health. February 2023
52. Faezeh Raje, Mehdi Nikzad, Zahra Kamali, Morteza Salari Moghaddam, Mohammad Reza Mazaheri Habibi. **The Role of Mobile Health in Self-Care Education for Parkinson's Disease: A Systematic Review**. 5th Shiraz International Congress on Mobile Health. February 2023
53. Kosar Ghaddaripuri, Seyyedeh Fatemeh Mousavi Baigi, Seyed Ahmad Hashemi, Sara Sazevar, Mohammad Reza Mazaheri Habibi. **Awareness and Attitude toward Telemedicine among Students of Varastegan Institute for Medical Sciences, Mashhad: A Survey Study in 2022**. 5th National Conference on Information Technology & Health Promotion with a Focus on Telehealth. June 2022
54. Shadi Dashtbani, Hadi Ramesh, Atefeh KhoshkAngin, Mohammad Reza Mazaheri Habibi. **The Effectiveness of a Mindfulness-Based Relapse Prevention App on the Quality of Life of Opioid-Dependent Patients**. 1st International Congress of Telemedicine. March 2022
55. Atefeh KhoshkAngin, Elham Hosseinzadeh, Mohammadreza Hosseinkhani, Zahra Ahmadi, Sareh Hosseini, Mohammad Reza Mazaheri Habibi. **To assess the effect of telemedicine on the care of the elderly with depression: a systematic review**. 1st International Congress of Telemedicine. March 2022
56. Fariba Sadat Agha Seyed Esmaeil Amiri, Zahra Shiri, Kosar Ramavandi, Fatemeh Barzanoni, Mohammad Reza Mazaheri Habibi. **The role of telemedicine in the diagnosis and treatment of eye diseases: a systematic review**. 1st International Congress of Telemedicine. March 2022
57. Kosar Ghaddaripuri, Seyyedeh Fatemeh Mousavi Baigi, Seyed Ahmad Hashemi, Reyhaneh Hosseinnia, Mohammad Reza Mazaheri Habibi. **The effect of remote counseling during the COVID-19 pandemic: a systematic review**. 1st International Congress of Telemedicine. March 2022
58. Azam Kheirdoust, Elaheh Salimi, Mohaddeseh Pourghesars, Nasim Boroumand, Atefeh KhoshkAngin, Mohammad Reza Mazaheri Habibi. **To assess the effect of telemedicine in the prevention, diagnosis and treatment of non-alcoholic fatty liver disease: a systematic review**. 1st International Congress of Telemedicine. March 2022
59. Faezeh Rahmani, Atefeh KhoshkAngin, Mohammad Reza Mazaheri Habibi. **Assessment of Health Literacy and Related Factors in Paramedical Students**. The 1st international congress and the 14th national University student conference on innovations in health sciences. March 2022
60. Seyyedeh Fatemeh Mousavi Baigi, Kosar Ghaddaripuri, Azam Kheirdoust, Mohammad Reza Mazaheri Habibi. **The Effect of Telerehabilitation in Patients with Speech and Voice Impairments: A Systematic Review**. 4th Shiraz International Congress on Mobile Health. February 2022
61. Seyyedeh Fatemeh Mousavi Baigi, Kosar Ghaddaripuri, Mohammad Reza Mazaheri Habibi. **The effect of mobile health self-management in the elderly with hypertension: a rapid systematic review**. 4th Shiraz International Congress on Mobile Health. February 2022
62. Fariba Sadat Agha Seyed Esmaeil Amiri, Atefeh KhoshkAngin, Kosar Ghaddaripuri, Mohammad Reza Mazaheri Habibi. **The Effect of Mobile Health on Health Promotion in the Elderly: A Systematic Review**. 4th Shiraz International Congress on Mobile Health. February 2022
63. Atefeh KhoshkAngin, Fariba sadat Agha Seyed Esmaeil Amiri, Kosar Ghaddaripuri, Mohammad Reza Mazaheri Habibi. **Investigating the role of mobile health in the management of epilepsy: a systematic review**. 4th Shiraz International Congress on Mobile Health. February 2022
64. Motahareh Hamzei, Atefeh KhoshkAngin, Mohammad Reza Mazaheri Habibi. **The Effect of Mobile Health Apps on Social Anxiety Management: A Systematic Review**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
65. Fatemeh Naeimi, Fatemeh Pezeshki, Seyyedeh Zahra Javadi, Mohammad Javad Amini, Yeganeh Mohammad Hosseinzadeh Vatanchi, Mohammad Reza Mazaheri Habibi. **The application of artificial intelligence in the delivery of healthcare services**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
66. Yeganeh Mohammad Hosseinzadeh Vatanchi, Mahsa Bagheri, Faezeh Raje, Farzaneh Akbari Kamrani, Amirreza Vahabi, Mohammad Reza Mazaheri Habibi. **Smart nutrition with the help of information technology**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021

67. Kosar Ghaddaripuri, Atefeh Arkani, Mohammad Reza Mazaheri Habibi. **The effect of telemedicine on the improvement of attention deficit hyperactivity disorder in children: a systematic review**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
68. Fariba Sadat Agha Seyed Esmaeil Amiri, Motahareh Hamzei, Parastoo Asghari, Zahra Shiri, Mohammad Reza Mazaheri Habibi. **The role of telemedicine in the diagnosis, monitoring and treatment of COVID-19: a systematic review**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
69. Farzaneh Akbari Kamrani, Faezeh Raje, Fatemeh Pezeshki, Mahsa Bagheri, Fatemeh Naeimi, Mohammad Reza Mazaheri Habibi. **Investigating the Application of Intelligent Decision Support Systems in the Field of Health: A Systematic Review**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
70. Kosar Ghaddaripuri, Seyyedeh Fatemeh Mousavi Baigi, Nazanin Nouri, Mohammad Reza Mazaheri Habibi. **The Effect of Virtual Reality on Reducing Anxiety in Children: A Systematic Review**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
71. Alireza Banaye Yazdipour, Leila Shahmoradi, Mohammad Reza Mazaheri Habibi. **Application of 5G Network Technology in Smart Healthcare Delivery**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
72. Alireza Banaye Yazdipour, Leila Shahmoradi, Mohammad Reza Mazaheri Habibi. **The Application of Blockchain Technology in the Management of the Emerging COVID-19 Disease**. 4th National Conference on Information Technology & Health Promotion with a Focus on Smart health. November 2021
73. Hedieh Bahari, Fatemeh Mousavi, Fatemeh Moradi, Mohammad Reza Mazaheri Habibi. **Medical ethics recommendations for the allocation of resources, equipment and medical staff during the COVID-19 crisis: a review study**. 8th Annual Iranian Congress of Medical Ethics. December 2020
74. Fatemeh Mousavi, Hedieh Bahari, Fatemeh Moradi, Mohammad Reza Mazaheri Habibi. **Digital mobile contact tracing technologies during the COVID-19 pandemic and ethical challenges: a systematic review**. 8th Annual Iranian Congress of Medical Ethics. December 2020
75. Seyyedeh Fatemeh Mousavi Baigi, Seyyed Mohammad Mousavi Baigi, Mohammad Reza Mazaheri Habibi. **Telemedicine Responding to the COVID-19 Pandemic: Challenges and Opportunities: A Systematic Review**. 3th National Conference on Information Technology & Health Promotion with a Focus on Nursing. December 2020
76. Fariba Sadat Agha Seyed Esmaeil Amiri, Atefeh KhoshkAngin, Negin Razmi, Fatemeh Bohloli, Amir Ehsan Heidari, Mohammad Reza Mazaheri Habibi. **The Effect of Serious Games on Nurses' Education: A Systematic Review**. 3th National Conference on Information Technology & Health Promotion with a Focus on Nursing. December 2020
77. Negin Razmi, Amir Ehsan Heidari, Azadeh Jafari Moghaddam, Fatemeh Bohloli, Atefeh KhoshkAngin, Mohammad Reza Mazaheri Habibi. **The Effect of Using Virtual Reality on Improving the Quality of Nursing Education: A Systematic Review**. 3th National Conference on Information Technology & Health Promotion with a Focus on Nursing. December 2020
78. Yasamin Gholamrezaei, Fariba Sadat Agha Seyed Esmaeil Amiri, Mohammad Reza Mazaheri Habibi. **Nurses' Satisfaction with Nursing Information Systems and the Impact of These Systems on Nurses' Performance: A Systematic Review**. 3th National Conference on Information Technology & Health Promotion with a Focus on Nursing. December 2020
79. Amir Ehsan Heidari, Fatemeh Moghbeli, Hossein Molazemian, Negin Razmi, Mona Talaei, Fariba Sadat Agha Seyed Esmaeil Amiri, Mohammad Reza Mazaheri Habibi. **Investigating the Usefulness of Information Technology Course for Nursing Students during Internships**. 3th National Conference on Information Technology & Health Promotion with a Focus on Nursing. December 2020
80. Azadeh Jafari Moghaddam, Negin Razmi, Fariba Sadat Agha Seyed Esmaeil Amiri, Mohammad Reza Mazaheri Habibi. **The Effect of Media in Cancer Prevention and Treatment: A Systematic Review**. 8th National Conference on Health Promotion Strategies & Challenges with focus on Cancer. November 2019
81. Gholamreza Moradi, Mohammad Reza Mazaheri Habibi, Farnaz Yahosseini, Fatemeh Arefi Majd, Hedieh Bahari Sani, Marzieh Raei, Shamimeh Nashibi, Atefeh Mohammadi. **Designing an application for the management of drugs for cancer patients**. 2nd National Conference on Information Technology and Health Promotion with a Focus on Cancer. September 2019
82. Marzieh Raei, Mohammad Reza Mazaheri Habibi, Parisa Najafi, Hedieh Bahari Sani, Atefeh Mohammadi, Shamimeh Nashibi. **The Effect of Telecounseling on Pregnant Women's Satisfaction**. 2nd National Conference on Information Technology and Health Promotion with a Focus on Cancer. September 2019

83. Fariba Sadat Agha Seyed Esmaeil Amiri, Mohammad Reza Mazaheri Habibi, Fatemeh Bohlooli. **The Effect of Telemedicine and Social Networks on Self-Care in Cancer Patients: A Systematic Review**. 2nd National Conference on Information Technology and Health Promotion with a Focus on Cancer. September 2019
84. Gholamreza Moradi, Mostafa Jahangir, Mohammad Reza Mazaheri, Fatemeh Arefi. **Integrated mobile electronic health record system**. 3rd International Congress of Iranian Telemedicine: Electronic Visit vs In-Person Visit. May 2019
85. Saeid Eslami, Samaneh Bakhshayesh, Majid Jangi, Mohammad Reza Mazaheri Habibi. **Usability Evaluation of the Tapesh Application for Cardiac Rehabilitation at Home**. 3rd Shiraz International Congress on Mobile Health. March 2019
86. Mohammad Reza Mazaheri Habibi, Hamed Tabesh, Hassan Vakili-Araki, Saeid Eslami. **Evaluation of No-Show Rate in Outpatient Clinics with Open Access Appointment Scheduling System: A Systematic Review**. 1st National Congress of Medical Informatics. February 2017
87. Mohammad Reza Mazaheri Habibi, Reza Khajouei, Saeid Eslami, Majid Jangi, Azadeh Kamel Ghalibaf, Sara Zanguei. **Usability Evaluating of the hospitalization process in a hospital information system based on the think-aloud method**. 1st National Congress of Medical Informatics. February 2017

### Dissertations

1. Mohammad Reza Mazaheri. (2018). **Design and Implementation of an Appointment Scheduling System for Private Clinics and its Evaluation**. Ph.D. Thesis
2. Mohammad Reza Mazaheri. (2011). **Designing an optimized energy and QOS aware multipath routing protocol in wireless sensor networks**. MSc. Thesis
3. Mohammad Reza Mazaheri. (2006). **Design and Implementation of a Networked Store Database with C# .NET**. BSc. Thesis

### Projects

#### Research Projects

1. **Design, implementation, and evaluation of the effectiveness of an educational escape room game for pre-internship testing of health information technology students: A randomized controlled trial** – Varastegan Institute for Medical Sciences – (2024)
2. **Locating dialysis centers in Fars province using geographic information systems** – Varastegan Institute for Medical Sciences – (2020)
3. **Usability Evaluation of the User Interface of the Inpatient Ward of Hospital Management System** – Mashhad University of Medical Sciences – (2019)
4. **Prevalence of Malnutrition in Dialysis Patients of Bint al-Hoda Hospital Using MIS Index** – Varastegan Institute for Medical Sciences – (2019)
5. **The Effect of Vitamin D Supplementation on Chronic Fatigue, Anxiety and Depression in Nurses Working in Bint al-Hoda Hospital in Mashhad** – Varastegan Institute for Medical Sciences – (2018)
6. **The Effect of Gestational Diabetes on the Development of Cognitive-Behavioral Skills of Children** – Mashhad University of Medical Sciences – (2015)
7. **Comparison of the Prevalence of Infantile Colic in Mothers with Gestational Diabetes Compared to Healthy Pregnant Mothers** – Mashhad University of Medical Sciences – (2015)

#### Students ' Dissertations and Projects Guidance

1. **Investigating the status of privacy and confidentiality of user information in Persian-language mobile health applications for women** – Mashhad University of Medical Sciences – Atefeh Khoshkangin – (2026)
2. **Prediction of deep vein thrombosis (DVT) using machine learning methods** – Varastegan Institute for Medical Sciences – Fatemeh Barzanouni – (2026)
3. **Investigating the effect of using the MS-Mate self-care application on reducing fatigue in patients with MS** – Varastegan Institute for Medical Sciences – Elahe Salimi – (2026)
4. **Predicting mortality rates in patients with acute myeloid leukemia using machine learning** – Varastegan Institute for Medical Sciences – Sajede Salari – (2025)

5. **Evaluating the effectiveness of the OCD-Mate self-care application in patients with obsessive-compulsive disorder: A pre-test-post-test study in the cities of Mashhad and Bojnourd** – Varastegan Institute for Medical Sciences – Taban Shojaei – (2025)
6. **Predicting cognitive impairment after ischemic stroke using machine learning methods** – Varastegan Institute for Medical Sciences – Sadjad Shirvani – (2025)
7. **Designing a predictive model for diagnosing schizophrenia in patients referred to Ibn Sina and Hejazi hospitals in Mashhad using data mining algorithms in 2024** – Varastegan Institute for Medical Sciences – Saba Moradi – (2025)
8. **Predicting premature ventricular contraction using artificial intelligence** – Varastegan Institute for Medical Sciences – Fatemeh Karimimoghadam – (2025)
9. **Design and evaluation of the minimum data set of Alzheimer's registry in Mashhad** – Varastegan Institute for Medical Sciences – Nasim Boroumand – (2025)
10. **Predicting depression recurrence in patients using machine learning methods** – Varastegan Institute for Medical Sciences – Amirali Azimzadeh Sadeghi – (2025)
11. **Predicting the survival time of dialysis patients using machine learning methods** – Varastegan Institute for Medical Sciences – Mohaddeseh Pourgheysar – (2025)
12. **Usability Evaluation of the Doctorto web application using the SUS questionnaire and Nielsen checklist in 2024** – Varastegan Institute for Medical Sciences – Bahareh Baratzadeh – (2024)
13. **Design and implementation of an online website for the sale of medical products** – Varastegan Institute for Medical Sciences – Zahra Kamali – (2024)
14. **Usability Evaluation of Dr. Saina's Online Medical Consultation Application Using the Think-aloud Method in 2024** – Varastegan Institute for Medical Sciences – Faezeh Reje – (2024)
15. **Evaluating and rating Alzheimer disease mobile apps using the feature-based application rating method and mobile app rating scale** – Varastegan Institute for Medical Sciences – Zahra Esmaeili Namghi – (2024)
16. **Content Personalization of Non-Alcoholic Fatty Liver Disease Patients Based on Elaboration Likelihood Model Behavior Change Technique** – Varastegan Institute for Medical Sciences – Mehdi Ghannad – (2024)
17. **Intelligent Prediction of Nephrotic Syndrome Based on Machine Learning** – Varastegan Institute for Medical Sciences – Haniyeh Mohebbi – (2023)
18. **The Effect of Machine Learning Algorithms on Predicting Mortality Rate in Patients with Acute Myeloid Leukemia** – Varastegan Institute for Medical Sciences – Mahsa Bagheri – (2023)
19. **Designing and Evaluating the Usability of Medical Terminology Educational Website for Paramedical Students** – Varastegan Institute for Medical Sciences – Fatemeh Sadeghyian – (2023)
20. **Evaluating and Rating of Mobile Apps for Breast Cancer Using the Feature-Based Application rating method and Mobile App Rating Scale** – Varastegan Institute for Medical Sciences – Ghazaleh Mohammadi – (2023)
21. **Designing and Evaluating the Usability of a Self-Care Application for Non-Alcoholic Fatty Liver Disease Patients with Obesity** – Varastegan Institute for Medical Sciences – Fariba Sadat Amiri – (2022)
22. **Usability evaluation of the Karafs application using the Think-aloud Method in 2022** – Varastegan Institute for Medical Sciences – Fatemeh Bohloli – (2022)
23. **Awareness and Attitude toward Telemedicine among Students of Varastegan Institute for Medical Sciences, Mashhad: A Survey Study in 2022** – Varastegan Institute for Medical Sciences – Kosar Ghaddaripuri – (2022)
24. **The Effectiveness of Kiddo Web Application on the Improvement of ADHD (Attention Deficit/Hyperactivity Disorder) Based on Play Therapy in Children 4 to 12 Years Old with this Disorder in the Cities of Mashhad and Neyshabur in 2022** – Varastegan Institute for Medical Sciences – Atefeh Arkani – (2022)
25. **Predicting the Probability of Fetal Chromosomal Abnormalities Using Neural Network Algorithm in Second Trimester Screening Tests** – Varastegan Institute for Medical Sciences – Amir Ehsan Heidari – (2022)
26. **Measuring the Level of Social Anxiety among Students of Varastegan Institute for Medical Sciences in Mashhad in 2022** – Varastegan Institute for Medical Sciences – Motahareh Hamzei – (2022)
27. **Investigation and Comparison of Data Mining Algorithms for Predicting Breast Cancer Recurrence** – Varastegan Institute for Medical Sciences – Masoumeh Sadat Mousavi – (2022)
28. **Investigating the Role of Information Technology Course in Internship from the Perspective of Nursing and Midwifery Students in Mashhad in 2022** – Varastegan Institute for Medical Sciences – Negin Esmaeili – (2022)
29. **The Effect of a Mobile-Based Self-Care Intervention for Non-Alcoholic Fatty Liver Disease Patients with Obesity** – Mashhad University of Medical Sciences – Azam Kheirdoust – (2022)
30. **Investigating the Effect of Self-Care Education through Application on the Improvement of Seizure Attacks in Children with Epilepsy** – Varastegan Institute for Medical Sciences – Atefeh KhoshkAngin – (2021)

31. **Investigating the Effect of Education through Mobile Application on Knowledge of Cardiac Anatomy in Paramedical Students during the Covid-19 Pandemic** – Varastegan Institute for Medical Sciences – Fatemeh Vaseyifard – (2021)
32. **Predicting the Probability of Fetal Chromosomal Abnormalities Using Neural Network Algorithm in Screening Tests in the First Trimester of Pregnancy** – Varastegan Institute for Medical Sciences – Negin Razmi – (2021)
33. **Investigating the Factors Affecting Preterm Labor from the Viewpoint of Physicians and Midwives in Mashhad in 2019** – Varastegan Institute for Medical Sciences – Seyyede Zeinab Talebizadeh – (2021)
34. **Investigating the Factors Affecting the Incidence of Retinopathy in Newborns Referred to Imam Ali Clinic in Bojnourd** – Varastegan Institute for Medical Sciences – Azadeh Jafari Moghaddam – (2021)
35. **Investigating the Effect of Social Networks on the Level of Fear and Panic of Varastegan Medical Sciences Students during the Covid-19 Pandemic** – Varastegan Institute for Medical Sciences – Fatemeh Amini – (2021)
36. **Investigating the Level of Health Literacy and its Related Factors among Paramedical Students in 2020** – Varastegan Institute for Medical Sciences – Faezeh Rahmani – (2021)
37. **Evaluating the Impact of Corona on the Medical Economy and Surgeries from the Perspective of Physicians in 2021** – Varastegan Institute for Medical Sciences – Zahra Sangsefidi – (2021)
38. **Investigating the Effectiveness of Mindfulness-Based Relapse Prevention Application on Quality of Life in Opioid-Dependent Patients** – Varastegan Institute for Medical Sciences – Shadi Dashtbani – (2021)
39. **Locating of Dialysis Centers in Fars Province Using Geographic Information System** – Varastegan Institute for Medical Sciences – Peyman Ghahramani – (2021)
40. **Investigating the Usability of Hospital Information System in Imam Reza Hospital in Mashhad Using Think-aloud Method from the Viewpoint of Nursing Students** – Varastegan Institute for Medical Sciences – Hediye Bahari Sani – (2019)
41. **The Effect of Weight Management Training on the Knowledge of Varastegan Medical Sciences Students** – Varastegan Institute for Medical Sciences – Seyyede Fatemeh Mousavi Baigi – (2019)
42. **The Effect of Remote Counseling on Satisfaction of Pregnant Women in Mashhad in 2019** – Varastegan Institute for Medical Sciences – Marzieh Raei – (2019)
43. **Investigating Patients' Viewpoints on the Traditional Ophthalmologists' Appointment Scheduling System** – Varastegan Institute for Medical Sciences – Atefeh Mohammadi – (2019)
44. **Investigating the Communication Problems of Pregnant Women with Specialist Physicians and Proposing Solutions with the Help of Information Technology Interventions in Mashhad in 2018** – Varastegan Institute for Medical Sciences – Mohaddeseh Safaei – (2019)
45. **Investigating the Usability of Hospital Information System in Imam Reza Hospital Using Think-aloud Method from the Perspective of Health Information Technology Students** – Varastegan Institute for Medical Sciences – Shamim Nashibi – (2019)
46. **Feasibility Study and Acceptance of Pregnancy Software from the Viewpoint of Pregnant Women** – Varastegan Institute for Medical Sciences – Fatemeh Moradi – (2019)
47. **Evaluation of Diabetic Patients' Readiness to Use Information Technology** – Varastegan Institute for Medical Sciences – Najmeh Hadian – (2019)
48. **Implementation of Wireless Networks Using MikroTik Equipments** – Khayyam University – Mostafa Nasiraei – (2017)
49. **Configuring a Secure Network in Cisco Equipments** – Khayyam University – Taha Kamali Sadeghian – (2017)
50. **Implementation of Cache Server and Investigating its Role in Resources Optimization** – Khayyam University – Fatemeh Sadat Hashemi – (2016)
51. **Centralized Configuration and Management of a Local Area Network through Switches Monitoring** – Khayyam University – Samineh Amel Alagheband – (2016)
52. **Investigation and Comparison of Switching Algorithms in Cisco Equipments Using Cisco Packet Tracer** – Khayyam University – Roshanak Jabbari – (2016)
53. **Investigating IPsec Security Options and its Simulation Using Cisco Packet Tracer** – Khayyam University – Shabnam Golboei – (2016)
54. **Investigating the types of Encryption Methods and Comparing them with Sending Data in Secure and Insecure Platforms Using GNS3 Simulator Software** – Khayyam University – Shabnam Afshariyeh – (2016)
55. **Simulation of a Wide Area Network using GNS3 Simulator Software** – Khayyam University – Arash Maneshi – (2016)
56. **Simulation of the Communication Network of an Organization and its Branches through Telecommunication Platform using GNS3 Simulator Software** – Khayyam University – Hooman Alizadeh Urmia – (2016)
57. **Investigation and Comparison of Routing Algorithms in Cisco Equipments** – Khayyam University – Negin Khaleseh – (2015)

58. **Investigating Wi-Fi Security Solutions** – Khayyam University – Mohammad Hossein Bafandeh – (2015)
59. **Investigating FTP Protocol Hacking Methods and Strategies for Securing It** – Khayyam University – Ali Azizi – (2015)
60. **Designing a Framework for WordPress and Implementing a Custom Website with it** – Khayyam University – Sanaz Yazdanjoo – (2015)
61. **Simulation of Automatic Addressing of Cisco Equipments via DHCP Server** – Khayyam University – Niloofar Tavakoli – (2015)
62. **Designed and implemented real estate site using ASP.NET** – Khayyam University – Elham Shayanmehr – (2015)
63. **Implementation of VOIP Technology Using Server Asterisk** – Khayyam University – Hamid Sabet – (2015)
64. **Designing a Local Area Network with Voice over IP Technology and Simulating it with Cisco Packet Tracer Simulator** – Khayyam University – Masoumeh Amirian – (2015)
65. **Designing and Implementing Website Medical Informatics Educational Aid Using ASP.NET** – Khayyam University – Fatemeh Farjami – (2014)
66. **Design and Implementation of Virtual Store Using PHP** – Khayyam University – Elham Behrouznia – (2014)

## Professional Activities

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### Refereeing Articles in Journals, Conferences, and Events

1. **13 Refereeing Session of the PhD Thesis in Medical Informatics of Mashhad University of Medical Sciences with the following titles** – (2018 - present)
  - Designing and Evaluating an IVR System and Care Management to Improve Self-Care in Kidney Transplant Patients: A Mixed Methods Study (Raheleh Ganjali)
  - Design and evaluation of an intelligent drug suggestion system for electronic prescription software (Seyyed Hadi Ghasemi)
  - Design, implementation and evaluation of the automatic attribution engine of questions in the field of health to the most relevant experts in the field (Seyyed Hamid Naderi)
  - Designing and evaluating the physician suggestive model and related health/treatment facilities (Masoud Setoodefar)
  - Presenting a suitable model based on Decision Fusion techniques for managing and analyzing big data (Elham Nazari)
  - Designing a Computer-Aided Diagnostic System (CAD) for Estimating and Classifying the Risk in Imaging of Thyroid Nodules Based on ACR-TIRADS Using Machine Learning Algorithms (Yasaman Sharifi)
  - Designing and Evaluating an IT-Based System to Increase Physicians' Adherence to the ICD-10-Based Diagnostic Principles in Entering the Final Diagnosis of Hospitalized Patients (Nafiseh Sadat Hosseini)
  - Modelling spatial-temporal patterns of leishmaniasis occurrence and visualization of patterns based on Geographical Information Systems (Neda Firouraghi)
  - Evaluating the Performance of Emergency Models in Predicting In-hospital mortality in the Emergency Department and Investigating their Impact on the Performance of Medical Staff (Zahra Rahmatinejad)
  - Design and Evaluation of the Effect of Digital Game on Self-Management of Type 2 Diabetes (Sara Ghodousi Moghadam)
  - A computer-aided diagnostic system for keratoconus disease to assist in the planning of intrastromal corneal ring segments using kerating nomogram prior to surgery through machine learning algorithms (Zhila Agharezaei)
  - Scoring of Tumors Infiltrating Lymphocytes in Pathology Images of Colorectal Cancer Using Machine Learning-Based Methods (Azar Kazemi)
  - Proposing a Prognostic Model to prediction of chemotherapy response in Hodgkin patients in PET-CT Imaging by using F-FDG Radiopharmaceutical (Mahdie Jajroudi)
2. **Refereeing the Comprehensive Exam of Medical Informatics PhD Students of Mashhad University of Medical Sciences** – (2020)
3. **One Refereeing session for the Master of Health Information Technology thesis of Mashhad University of Medical Sciences with the following title** – (2023)
  - a) Development a Minimum Data Set and Data Dictionary for Outpatient Rehabilitation Registry in Mashhad University of Medical Sciences (Seyyedeh Fatemeh Mousavi Baigi)
4. **One Refereeing session for the Master's thesis of speech therapy in Varastegan Institute for Medical Sciences with the following title** – (2019)
  - a) Comparison of Comprehension Language Skills of 3-6 Year Old Children with Normal and Abnormal Skull Shape in Abadan City (Amin Abbasi)

5. **Reviewer of Applied Clinical Informatics** (ISI, IF=2.9) (2022 - present)
6. **Reviewer of INQUIRY: The Journal of Health Care Organization, Provision, and Financing** (ISI, IF=1.7) (2023 - present)
7. **Reviewer, Advanced Biomedical Research** (ESCI (ISI), IF =1.0) – (Nov 2025 – present)
8. **Refereeing the Event most complex dataset in the health field** – Mashhad University of Medical Sciences – (2025)
9. **Refereeing of the Book entitled "The Alphabet of Research Methodology"** – (2019)
10. **Refereeing the Research project entitled "Smart Growth and Evolution Clinic"** – Health Incubator Health Science and Technology Park of Mashhad University of Medical Sciences – (2023)
11. **Refereeing the Entrepreneurship and Artificial Intelligence area of the 17th Scientific Olympiad for Medical Sciences Students of the 9th Amayshi Region** – Mashhad University of Medical Sciences – (2025)
12. **Review of the Research project entitled "Recording, producing reports and analyzing cardiac angiography results"** – Vice President for Research and Technology, Neyshabur University of Medical Sciences - (2025)
13. **Review of the Research project entitled "Evaluation of the information system of selected hospitals in the cities of Mashhad and Neyshabur based on the ISO 9241/10 standard in 2023"** – Vice President for Research and Technology, Neyshabur University of Medical Sciences - (2023)
14. **One Refereeing session for the PhD proposal in Computer Engineering at Islamic Azad University, Mashhad Branch, with the following title** – (2023)
  - a) Blockchain access control mechanism on heterogeneous health data using attribute-based encryption based on user identity and data attributes (Atefeh Nekouei)
15. **Refereeing the First National Festival of Ideation in the Field of Health Information Technology** – Mashhad University of Medical Sciences – (2022)
16. **Refereeing the Medical Idea and Entrepreneurship Event** – Mashhad University of Medical Sciences – (2020)
17. **Refereeing the 11th International Conference on Industrial and Systems Engineering** – Ferdowsi University of Mashhad – (2025)
18. **Refereeing the Papers of the 3rd National Conference on Information Technology & Health Promotion with a Focus on Nursing** – (2020)
19. **Refereeing the Papers of the 2nd National Conference on Information Technology & Health Promotion with a Focus on Cancer** – (2019)
20. **Refereeing the Papers of the 1st National Congress of Medical Informatics** – (2016)
21. **Refereeing the Papers of the 1st International Congress on Registration of Diseases and Health Outcomes** – (2016)
22. **Refereeing the Papers of the First National Congress of Electrical, Computer and Information Technology of Khayyam University** – (2012)
23. **Reviewer of Navid No Journal** - Journal of Student Research Committee of Mashhad University of Medical Sciences – (October 2019 - present)
24. **62 Refereeing Session of Undergraduate Research Projects of Health Information Technology of Varastegan Institute for Medical Sciences** – (2018 - present)

### **Production of technical knowledge and innovation**

1. **Design and development of Calorito mobile and web applications** – Varastegan Institute for Medical Sciences – (2026)
2. **Creating a Digital Passport for MS Disease Progression Prediction for Each Patient with Transfer Learning Algorithms** – Symposium on new and innovative approaches to MS, focusing on idea generation based on clinical data – (2025)

### **Membership in councils and committees**

3. Member of the **Educational Council** of Varastegan Institute for Medical Sciences – (2019 - present)
4. Member of the **Board of Directors** of Varastegan Institute for Medical Sciences – (2020 - present)
5. Member of the **Convergence Working Group in the Excellence of Advanced Sciences and Technologies** – (2022 - 2024)

### **Awards and Honors**

1. **The selected process of Varastegan Institute for Medical Sciences in the field of E-learning** in the 18th Shahid Motahhari Educational Festival – (2025)

2. **The selected process of Varastegan Institute for Medical Sciences in the field of design and production of educational products** in the 17th Shahid Motahhari Educational Festival – (2024)
3. **Top educational professor in the field of Educational Discipline** of Varastegan Institute for Medical Sciences – (2023)
4. **Speaker of the First National Festival of Ideation in the Field of Health Information Technology** – Mashhad University of Medical Sciences – (2022)
5. **Top Research Professor** of Varastegan Institute for Medical Sciences – (2020, 2021 and 2024)
6. **Selected Educational Professor in the field of Producing Attractive Virtual Content (Educational Creations)** of Varastegan Institute for Medical Sciences – (2021)
7. **Top Speaker at the 1st National Congress of Medical Informatics** – (2016)
8. **Sixth rank in the Ministry of Health's specialized doctoral entrance exam in the field of Medical Informatics** – (2013)
9. **First Rank in Acceptance in the Master's Entrance Exam of Islamic Azad University in the field of Computer Engineering** – (2009)

## Professional learning and training

### Attending long-term training courses

1. **Basic to advanced statistical analysis with R software** – Varastegan Institute for Medical Sciences – (6 Hours, 2026)
2. **Pre-event and smart branding marketing in the healthcare industry** – Varastegan Institute for Medical Sciences – (4 Hours, 2026)
3. **Series of meetings to report on the performance of university units** – Varastegan Institute for Medical Sciences – (12 Hours, 2025)
4. **Machine Learning with Python** – FaraDars – (3 Hours, 2025)
5. **Application of Artificial Intelligence in Research** – Khayyam University – (6 Hours, 2024)
6. **Business Plan** – Health Incubator Health Science and Technology Park of Mashhad University of Medical Sciences – (12 Hours, 2023)
7. **Entrepreneurship** – Health Incubator Health Science and Technology Park of Mashhad University of Medical Sciences – (26 Hours, 2023)
8. **Coaching of Managers** – Varastegan Institute for Medical Sciences – (4 Hours, 2022)
9. **Digital Health Discourse** – Isfahan University of Medical Sciences – (18 Hours, 2020-2021)
10. **The Position of Sciences and Technology Convergence in Third and Fourth Generation Universities** – Birjand University of Medical Sciences – (3 Hours, 2021)
11. **Ethical Principles and Foundations of Clinical Trial Studies** – Neyshabur University of Medical Sciences – (3 Hours, 2021)
12. **Research Fellowship Course** – Mashhad University of Medical Sciences – (44 Hours, 2020)
13. **New Teaching Methods** (How to Communicate with Students, Educational Evaluation, Direct and Indirect Teaching Method, Interactive Teaching Method, Lesson Plan Formulation Method, IT Teaching Skills, Standard PowerPoint) – Varastegan Institute for Medical Sciences – (14 Hours, 2019-2021)
14. **Health GIS** – Varastegan Institute for Medical Sciences – (8 Hours, 2019)
15. **Processes Engineering (Creating Processes Using BPMN Model in VISIO Software)** – Varastegan Institute for Medical Sciences – (4 Hours, 2019)
16. **Writing Systematic Review Articles** – Varastegan Institute for Medical Sciences – (8 Hours, 2019)
17. **Advanced SPSS** – Mashhad University of Medical Sciences – (6 Hours, 2017)
18. **Introductory SPSS** – Mashhad University of Medical Sciences – (6 Hours, 2017)
19. **Ways to Interpret Statistical Findings Simply** – Mashhad University of Medical Sciences – (6 Hours, 2016)
20. **Genetic Algorithm in MATLAB Software** – Mashhad University of Medical Sciences – (4 Hours, 2015)

### **Participation in short-term training courses**

1. **Key points for preparing standard educational content** – Varastegan Institute for Medical Sciences – (2 Hours, 2026)
2. **Introducing the performance management system and training in recording reports in the Kara system** – Varastegan Institute for Medical Sciences – (2 Hours, 2026)
3. **Smart classroom management** – Varastegan Institute for Medical Sciences – (2 Hours, 2026)
4. **How to use humor and stories in teaching** – Varastegan Institute for Medical Sciences – (2 Hours, 2025)
5. **Classroom management with application software** – Varastegan Institute for Medical Sciences – (2 Hours, 2025)
6. **How to Turn Your Educational Idea into Educational Scholarship** – Varastegan Institute for Medical Sciences – (2 Hours, 2024)
7. **Principles of Prompt Writing in Artificial Intelligence Platforms** – Iranian Scientific Association of Medical Informatics – (2 Hours, 2024)
8. **How to Review International Articles** – Mazandaran University of Medical Sciences – (2 Hours, 2023)
9. **The second Journal Watch program in the field of educational technologies** – Birjand University of Medical Sciences – (1 hour, 2023)
10. **Language Supermodels, ChatGPT and Its Applications in Medical Sciences** – Tehran University of Medical Sciences – (2 Hours, 2023)
11. **Introduction to the Principles of Application Design and Mobile-Based Environments** – 5th Shiraz International Congress on Mobile Health – (2 hours, 2022)
12. **Teaching and Learning** – Varastegan Institute for Medical Sciences – (2 Hours, 2022)
13. **The Path to Entering the Labor Market** – Varastegan Institute for Medical Sciences – (2 Hours, 2022)
14. **Creativity and Innovation** – Varastegan Institute for Medical Sciences – (2 Hours, 2022)
15. **Empathetic Teaching in the Classroom** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
16. **Key Clues for Managing Emotions in Dealing with Students** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
17. **Introduction to Arman National Mox and Working with iSpring Software** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
18. **Educational Evaluation** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
19. **Operational Planning by OKR Method** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
20. **Resume Writing** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
21. **Moodle E-Learning Management System** – Varastegan Institute for Medical Sciences – (4 Hours, 2021)
22. **Systematic Thinking** – Varastegan Institute for Medical Sciences – (2 Hours, 2021)
23. **First Aid** – Varastegan Institute for Medical Sciences – (6 Hours, 2020)
24. **Food Labeling** – Varastegan Institute for Medical Sciences – (2 Hours, 2020)
25. **Deep Work** – Varastegan Institute for Medical Sciences – (2 Hours, 2020)
26. **Prezi Education** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
27. **Personality Assessment Using DISC Test** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
28. **Futures Studies** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
29. **The Impact of Philosophy on Life** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
30. **Writing a Scientific Book** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
31. **Risk Management** – Varastegan Institute for Medical Sciences – (2 Hours, 2019)
32. **Normalization Test: Parametric or Non-Parametric?** – Mashhad University of Medical Sciences – (2 Hours, 2017)

### **Participation in Conferences**

1. **5th Shiraz International Congress on Mobile Health** – Shiraz University of Medical Sciences – (February 2023)
2. **The 9th National Conference on Quran, Itrat and Health** – Tehran University of Medical Sciences – (March 2022)
3. **4th Shiraz International Congress on Mobile Health** – Shiraz University of Medical Sciences – (February 2021)
4. **The 4th National Conference on Information Technology & Health Promotion with a Focus on Smart Health** – Varastegan Institute for Medical Sciences – (November 2021)
5. **The 8th National Conference on Quran, Itrat and Health** – Mashhad University of Medical Sciences – (February 2021)
6. **8th Annual Iranian Congress of Medical Ethics** – Tehran University of Medical Sciences – (December 2020)
7. **The 2nd National Conference on Information Technology & Health Promotion with a Focus on Cancer** – Shahid Beheshti University of Medical Sciences – (September 2019)

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8. **1st National Congress of Medical Informatics** – Mashhad University of Medical Sciences – (February 2017)