

Curriculum Vitae

Sadrieh Hajesmaeel-Gohari

A faculty member at Kerman University of Medical Sciences

Academic Rank: Assistant Professor

Department: Health Information Sciences

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EDUCATION HISTORY:

Degree	Field	Graduation year	Graduated from
PhD	Health Information Management	2020	Tehran University of Medical Sciences
MSc	Health Information Technology	2015	Kerman University of Medical Sciences
BSc	Health Information Technology	2013	Kerman University of Medical Sciences
High school diploma	Experimental Sciences	2008	Doctor Hesabi High School

LANGUAGE SKILLS:

Persian: Native

English: Intermediate level (MSRT score:67)

COURSE TEACHING:

- 1- Medical Terminology
- 2- Insurance
- 3- Information Technology

RESEARCH PROJECTS:

- 1- Teleophthalmology for the elderly population: a scoping review of benefits and challenges
- 2- Designing a minimum data set for obsessive-compulsive disorder
- 3- Examining the use of technologies in reducing suicide

- 4- A review on the most used questionnaires for evaluating virtual, augmented, and mixed reality in healthcare
- 5- Review on the Digital Games Application for Teaching Medical Terminology
- 6- Designing a Minimum Data Set for Autism Disorder
- 7- Designing a minimum data set for allergy to cow's milk protein in children
- 8- Investigating the impact of virtual reality, augmented reality and mixed reality in the recovery and care of patients with Parkinson's disease: A Systematic Review of Randomized Controlled Trials
- 9- Determining the impact of different types of vowels in identifying patients with Parkinson's disease
- 10- Effectiveness of virtual reality in reducing pain, fear, and anxiety in children during dental procedures
- 11- The psychometric assessment of the Persian version of mHealth App Usability Questionnaire (MAUQ)
- 12- Survey of electronic health literacy among people over 18 years old in Kerman city in 1401-1402
- 13- Investigating the relationship between smartphone addiction and the level of e-health literacy of Kerman University of Medical Sciences students
- 14- Investigating the e-health literacy of patients with type 2 diabetes in the use of self-care programs in Kerman city in 1401
- 15- A review of the mobile health interventions for shared decision making
- 16- Designing a minimum data set for Goiter disease
- 17- Automatic detection of cancer from clinical texts using natural language processing technique
- 18- The role of teledentistry in consultation, diagnosis, and treatment of oral and dental diseases
- 19- A systematic review on the effect of blended learning on teaching anatomy to medical students
- 20- A review of 100 highly cited articles related to the use of artificial intelligence in the COVID-19 crisis in the Web of Science database
- 21- Predicting Repeated Suicide by Machine Learning Algorithms
- 22- A review on the use of digital games for rehabilitation of speech disorders
- 23- effect of providing education through virtual reality (VR) technology on the preparedness of students to deal with disasters
- 24- Predicting the pharmaceutical requirements of Afzalipour Hospital in Kerman
- 25- Review of the most highly cited articles published in telemedicine journals
- 26- Design, implementation and evaluation of a mobile application for assisting caregivers of patients with Alzheimer during COVID-19 pandemic
- 27- A review on the most used questionnaires in the evaluation of mobile health services

- 28- Determining the relationship between the location of residence and age and underlying problems in COVID-19 patients admitted to the Afzalipour Hospital in Kerman
- 29- Assessing the information needs of women aged 48-60 about menopause
- 30- Design, Implementation and Evaluation of a Comprehensive Self-Management Program for Diabetic Patients

PAPERS:

English

- 1- Asadilari F, Naghibzadeh-Tahami A, Hajesmaeel-Gohari S, Ghaemi MM. A Multidimensional Data Set for Obsessive-Compulsive Disorder to Strengthen Research and Care: A Cross-Sectional Delphi Study. *Health Science Reports*. 2026 Aug;9(8):e72861.
- 2- Hajesmaeel-Gohari S, Mehdipour M. The Most Commonly Utilized Questionnaires for Evaluating Virtual, Augmented, and Mixed Reality in Healthcare: A Scoping Review. *International Journal of Human-Computer Interaction*. 2026 Jun 3;42(11):7767-75.
- 3- Dinari F, Ghaemi MM, Bahaadinbeigy K, Hajesmaeel-Gohari S. The Use of Teledentistry in Diagnosis, Consultation, and Treatment of Oral and Dental Diseases: A Systematic Review Study. *Health Science Reports*. 2026 May;9(5):e71989.
- 4- Arabian S, Hajesmaeel-Gohari S, Zarei AH, Alizadeh Savareh B, Bashiri A. Comprehensive usability evaluation of electronic prescription systems: integrating expert and user perspectives. *BMC Medical Informatics and Decision Making*. 2025 Dec 10;26(1):15.
- 5- Ghaemi MM, Numdari S, Hajesmaeel-Gohari S, Amiri P, Behnam F. The minimum data set for goiter disorder in Iran. *Digital Health*. 2025 Sep;11:20552076251375978.
- 6- Karbasi Z, Ram M, Hajesmaeel Gohari S, Sabahi A. Investigating the e-health literacy of patients with type 2 diabetes in the use of self-care mobile health applications. *Health Education and Health Promotion*. 2025 Jul 13;12(2):341-6.
- 7- Asadilari F, Hajesmaeel-Gohari S, Ershad Sarabi R, Bazargan N, Ebrahimi S. Designing a Minimum Dataset for the Cow's Milk Protein Allergy in Children: Identifying and Evaluating the Key Factors in Managing, Controlling and Monitoring the Cow's Milk Protein Allergy in Children: A Cross-Sectional Study. *Health Science Reports*. 2025 Jun;8(6):e70865.
- 8- Moulaei K, Dinari F, Sheikhtaheri A, Bahaadinbeigy K, Hajesmaeel-Gohari S. The persian version of mhealth app usability questionnaire (MAUQ) for patients: a

psychometric assessment study. *BMC Medical Informatics and Decision Making*. 2025 Jan 23;25(1):38.

- 9- Azadi H, Akbarzadeh-Totonchi MR, Jahani Y, Gohari SH, Khajouei R. Evaluation of mobile applications related to patients with Parkinson's disease based on their essential features and capabilities. *BMC Medical Informatics and Decision Making*. 2024 Dec 27;24(1):407.
- 10-Hajesmaeel-Gohari, S., Sheikhtaheri, A., Dinari, F. *et al.* The psychometric assessment of the provider version of mHealth App Usability Questionnaire (MAUQ) in persian language. *BMC Med Inform Decis Mak* 24, 369 (2024).
- 11-Habibeh Norouzi, Mohammad Hossein Mehrolhassani, Sadrieh Hajesmaeel-Gohari, Leila Ahmadian, Mohammad Mehdi Ghaemi, Mehdi Mohammadi, Reza Khajouei, Identification and classification of indicators for evaluating health information systems, *Health Policy and Technology*. 2024;13(2).
- 12-Ehtemam H, Sadeghi Esfahlani S, Sanaei A, Ghaemi MM, Hajesmaeel-Gohari S, Rahimisadegh R, Bahaadinbeigy K, Ghasemian F, Shirvani H. Role of machine learning algorithms in suicide risk prediction: a systematic review-meta analysis of clinical studies. *BMC medical informatics and decision making*. 2024 May 27;24(1):138.
- 13-Gozali E, Gohari SH, Khademvatani K, Asr RT. Diagnosis of Heart Disease Using Data Mining Techniques: A Systematic Review of Influential Factors and Outcomes. *Frontiers in Health Informatics*. 2024 Jan;13:179.
- 14-Gholipour M, Khajouei R, Amiri P, Hajesmaeel Gohari S, Ahmadian L. Extracting cancer concepts from clinical notes using natural language processing: a systematic review. *BMC bioinformatics*. 2023 Oct 29;24(1):405.
- 15-Amiri P, Gholipour M, Hajesmaeel-Gohari S, Bahaadinbeigy K. A Mobile Application to Assist Alzheimer's Caregivers During COVID-19 Pandemic: Development and Evaluation. *Journal of Caring Science*. 2023, 12(2), 129-135.
- 16-Hajesmaeel-Gohari S, Goharinejad S, Shafiei E, Bahaadinbeigy K. Digital games for rehabilitation of speech disorders: A scoping review. *Health Science Reports*. 2023;6 (6): e1308.
- 17-Karbasi Z, Hajesmaeel-Gohari S, Sabahi A. Bibliometric analysis of the use of artificial intelligence in COVID-19 based on scientific studies. *Health Science Reports*. 2023;6 (5): e1244.
- 18-Hajesmaeel-Gohari S, Keshvardoost S, Bahaadinbeigy K. Travel prevention using telepsychiatric services: a review. *Journal of Kerman University of Medical Sciences*. 2022;29(5):502-506.
- 19-Hajesmaeel-Gohari S, Bahaadinbeigy K. The 100 most highly cited articles published in the telemedicine journals. *Front Health Inform*. 2022; 11: 122.
- 20-Ghaemi MM, Samzadeh HR, Hajesmaeel Gohari S, Shafiei E, Ershad Sarabi R. Geographical distribution and underlying diseases of patients with COVID-19

referred to afzalipour hospital in kerman city. Journal of Kerman University of Medical Sciences 2022; 29(4): 418-427.

- 21-S Hajesmaeel-Gohari, F Khordastan, F Fatehi, H Samzadeh, K Bahaadinbeigy. The most used questionnaires for evaluating satisfaction, usability, acceptance, and quality outcomes of mobile health. BMC Medical Informatics and Decision Making. 2022; 22.
- 22-S Keshvardoost, E Shafiei, S Hajesmaeel-Gohari, M Hosseini Golkar, K Bahaadinbeigy. Telemedicine for Patients with Schizophrenia: A Systematic Literature Review on Applications and Outcomes. Iranian Journal of Psychiatry and Behavioral Sciences. 2022; 16 (1).
- 23-S Goharinejad, S Goharinejad, S Hajesmaeel-Gohari, K Bahaadinbeigy. The usefulness of virtual, augmented, and mixed reality technologies in the diagnosis and treatment of attention deficit hyperactivity disorder in children: an overview of relevant studies. BMC Psychiatry. 2022; 22(1): 1-13.
- 24-S Hajesmaeel-Gohari, E Shafiei, F Ghasemi, K Bahaadinbeigy. A study on women's health information needs in menopausal age. BMC Women's Health. 2021; 21:1-9.
- 25-S Hajesmaeel-Gohari, E Shafiei, K Bahaadinbeigy. Use of telemedicine in the management of viral respiratory disease epidemics (SARS, MERS, Influenza, and COVID-19): A review. Frontiers in Health Informatics. 2021; 10: 84.
- 26-S Hajesmaeel-Gohari, F Sarpourian, E Shafiei. Virtual reality applications to assist pregnant women: a scoping review. BMC Pregnancy and Childbirth. 2021; 21: 249-257.
- 27-Sh R. Niakan Kalhori, K Bahaadinbeigy, K Deldar, M Gholamzadeh, S Hajesmaeel-gohari, S Ayyoubzadeh. Digital Health Solutions to Control the COVID-19 Pandemic in Countries with High Disease Prevalence: Literature Review. Journal of Medical Internet Research. 2021; 23 (3): 1-12.
- 28-S Hajesmaeel-Gohari, K Bahaadinbeigy. The most used questionnaires for evaluating telemedicine services. BMC Medical Informatics and Decision Making. 2021; 21: 1-11.
- 29-S Salehinejad, Sh R. Niakan Kalhori, S Hajesmaeel-Gohari, K Bahaadinbeigy, F Fatehi. A review and content analysis of national apps for COVID-19 management using Mobile Application Rating Scale (MARS). Informatics for Health and Social Care. 2020; 46(1): 42-55.
- 30-S Hajesmaeel-Gohari, K Bahaadinbeigy, S Tajoddini, SR Kalhori. Effect of Computerized Physician Order Entry and Clinical Decision Support System on Adverse Drug Events Prevention in the Emergency Department: A Systematic Review. Journal of Pharmacy Technology. 2020; 37(1):53-61.
- 31-S Hajesmaeel-Gohari, S Keshvardoost, R Ershadsarabi, K Bahaadinbeigy . Travel Avoidance Using Telepediatric by Patients and Healthcare Providers: a Review of the Literature. Acta Informatica Medica. 2020; 28(2): 124-129.

- 32-S Hajesmaeel-Gohari, K Bahaadinbeigy, S Tajoddini, SR Kalhori. Drug poisoning management using smartphones: an apps review study based on use case classification model. *BMJ Innovation*. 2020; 6 (4): 1-6.
- 33-S Hajesmaeel-Gohari, K Bahaadinbeigy, S Tajoddini, SR Kalhori. Minimum data set development for a drug poisoning registry system. *Digital Health Journal*. 2019; 5:1-13.
- 34-S Hajesmaeel-Gohari, SR Kalhori, E Gozali. Virtual Reality Applications for Chronic Conditions Management: A Review Study. *Medical Journal of The Islamic Republic of Iran*. 2019; 33:67.
- 35-R Khajouei, S Hajesmaeel-Gohari, M Mirzaee. Comparison of two heuristic evaluation methods for evaluating the usability of health information systems. *Journal of Biomedical Informatics*. 2018; 80(4):37-42.
- 36-S Hajesmaeel-Gohari, K Bahaadinbeigy, R Malekpour, M Asadi. A Trial Study of Static Telepathology in Iran. *The Health Care Manager journal*. 2018; 37(3):262-67.
- 37-Ahmadian L, Dorosti N, Khajouei R, Gohari SH. Challenges of using Hospital Information Systems by nurses: comparing academic and non-academic hospitals. *Electronic Physician Journal*. 2017; 9(6):4625-30.
- 38-S Hajesmaeel-Gohari, Bahaadinbeigy K. Needs Assessment of Pathologists Using Telepathology Systems. *Acta Informatica Medica*. 2016; 24(4):293-95.
- 39-Hajesmaeel-Gohari S, Bahaadinbeigy K, Ahmadian L, Khajouei R, Pournik O. Published papers on telepathology projects. *Journal of Health Management and Informatics*. 2015; 2(4):108-19.
- 40-Bahaadinbeigy K, Mousaali A, Salehi Nejad, Hajesmaeel-Gohari S, Hajimohammadhasani-Ravari M. The evaluation of web-based software for sending medication adherence reminders in infectious disease patients. *Journal of Health and Development*. 2014; 3(2): 137-149. [Persian]
- 41-Hajesmaeel-Gohari S, Hajimohammadhasani-Ravari M, GhasemzadehKahnooei M, Asadi F, Bahaadinbeigy K. The diagnostic agreement of original and faxed copies of electrocardiograms. *Zahedan journal of research in medical sciences*. 2013; 15(2):102-3.

Persian

- 1- Hajesmaeel-Gohari S, Imani E, Khajeh Z, Mehdipour M. Survey of Electronic Health Literacy among Adults Over 18 Years Old in Kerman City. *Journal of Payavard Salamat*. 2026 Aug 17.
- 2- Hajesmaeel-Gohari S, Shafiei E, Gholipoor M. Mobile Health Interventions to Facilitate Shared Decision Making: A Systematic Review. *Journal of Health and Biomedical Informatics*. 2024 Dec 10;11(3):271-81.

- 3- Hajesmaeel-Gohari S. Application of Digital Games in the Field of Health. Journal of Health and Biomedical Informatics. 2022; 9 (2) :104-105.
- 4- T Baniasadi, L Shahmoradi, F Mehravar, S Hajesmaeel-Gohari. The Role of Learning Based on Virtual Patient Simulation in Surgical Training: A Survey at Tehran University of Medical Sciences. Journal of Health and Biomedical Informatics. 2021; 8(2):174-183.
- 5- M Iranmanesh, E Shafiei, M Mehrolhasani, S Hajesmaeel-Gohari. Usability Evaluation of a Mobile-Based Application to Provide Home Health Services Using Heuristic Method. Journal of Health and Biomedical Informatics. 2021; 8(2): 208-217.
- 6- E Shafiei, S Hajesmaeel-Gohari, M Haghbin, M Mirzaee, K Bahaadinbeigy. Design and Evaluation of an Anesthesia Decision Support Mobile Application. Journal of Health and Biomedical Informatics. 2021; 8(1): 128-139.
- 7- Ahmadian L, Hajesmaeel-Gohari S, Khajouei R. An Evaluation of the Compliance of Studies Evaluating Health Information Systems in Iran with the Statement on Reporting of Evaluation Studies in Health Informatics. Health Information Management. 2016; 13 (2): 71-7.
- 8- Bahaadibeigy K, Mousaali A, Salehi Nejad, Hajesmaeel-Gohari S, Hajimohammadhasani-Ravari M. The evaluation of web-based software for sending medication adherence reminders in infectious disease patients. Journal of Health and Development. 2014; 3(2): 137-149.

ABSTRACTS AND PRESENTATIONS:

- 1- S Hajesmaeel-Gohari, E Shafiei, S Salehinejad. The use of digital health technologies in providing primary health care in COVID-19 pandemic. Mobile Health 2023.
- 2- S Hajesmaeel-Gohari, E Shafiei, M Gholipour. Mobile Health Interventions for Shared Decision Making: a Literature Review 2023.
- 3- S Goharinejad, S Hajesmaeel-Gohari, E Shafiei, S Salehinejad, A Torabi Parizi. Teleradiology Applications in Oral Health. International Telemedicine conference 2022.
- 4- E Shafiei, S Hajesmaeel-Gohari, S Salehinejad, S Goharinejad, M Ghaemi, A Nabizadeh. A review of highly cited articles in the use of telemedicine during COVID-19 pandemic. The International Telemedicine Conference 2022.
- 5- Gohari SH, Niakan S, Bahaadinbeigy K. Drug Poisoning Smartphone Apps: A Cross Sectional Study Based on Use Case Classification. 3rd International Congress on Mobile Health.
- 6- Gohari SH, Niakan S. Virtual Reality Applications for Chronic Diseases Treatment and Rehabilitation; A review Study. 7th Annual Meeting of the Australasian Telehealth Society 2016.

- 7- Gohari SH, Niakan S, Karbasi Z. Using virtual reality technology to support mental disorder affected patients. First International Congress of Diseases and Health Outcomes Registry and First National Congress of Medical Informatics.
- 8- Gohari SH, Niakan S, Karbasi Z. Chat bots application and efficiency for patient self-management support. First International Congress of Diseases and Health Outcomes Registry and First National Congress of Medical Informatics.
- 9- Karbasi Z, Niakan S, Gohari SH. Effectiveness of virtual reality technology application in medical education: A review of evidences. First International Congress of Diseases and Health Outcomes Registry and First National Congress of Medical Informatics.
- 10- Gohari SH, Niakan S. Mobile health application to support PTSD affected cases: a review. 8th International congress on Health in Emergencies and Disasters.
- 11- Gohari SH, Niakan S. Use of virtual reality technology to rehabilitate patients with stroke. First National Congress of Health Information technology and management.

BOOKS:

-

WORK EXPERIENCES:

- 1- Assistant Professor, Health Information Sciences Department, Kerman University of Medical Sciences (October 2025-present)
- 2- Assistant Professor, Medical Informatics Research Center, Kerman University of Medical Sciences (June 2020- October 2025)
- 3- Member of the Working Group on Development of Education and New Technologies for Advanced Learning, Kerman University of Medical Sciences (February 2024-present)
- 4- Member of the Disease Registration Committee, Kerman University of Medical Sciences (November 2023-present)
- 5- Deputy Director of Medical Informatics Research Center, Kerman University of Medical Sciences (January 2024-present)
- 6- Member of the Editorial Board of the Journal of Health and Biomedical Informatics (April 2022-present)

COURSES AND WORKSHOPS:

- 1- Systematic review and meta-analysis
- 2- Article submission
- 3- Ethics in research
- 4- How to search and access information sources
- 5- Identifying variables and setting goals and assumptions
- 6- Poster design
- 7- Proposal writing
- 8- Introduction to writing scientific articles
- 9- PACS training
- 10- Slide design
- 11- Creative teaching
- 12- Choosing reputable journals to publish articles
- 13- Networking and social media in medical research
- 14- Evaluation of the mobile health applications and telehealth
- 15- Selling technical knowledge from universities to industry
- 16- Mobile health application design
- 17- Internet of things
- 18- Scientometrics
- 19- Image processing in medicine
- 20- Geographical Information System
- 21- Virtual reality
- 22- Digital collaborative systems in health
- 23- Health data analytics
- 24- Artificial Intelligence Summer School
- 25- Using cloud space in education

SKILLS:

- ICDL
- SPSS
- HIS