

In the Name of GOD

Curriculum Vitae

Name and Contact information



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Links:

- <https://scholar.google.com/citations?user=WO5ybyMAAAAJ&hl=en>
- <https://www.researchgate.net/profile/Sohrab-Almasi>
- <https://orcid.org/my-orcid?orcid=0000-0003-0707-8399>
- <https://www.scopus.com/authid/detail.uri?authorId=57218764884>
- <https://www.semanticscholar.org/author/Sohrab-Almasi/83881212>

Work Address: Department of Health Information Technology, School of Allied Medical Sciences, Kermanshah University of Medical Sciences (KUMS), Kermanshah, Iran.

Education

1. Ph.D

Health Information Management, Shahid beheshti University of Medical Sciences, Tehran, Iran, 2017-2022

Thesis Title: Design and Evaluation of Quality Dashboard for the Emergency Department of Hospitals in Iran

Supervisor: Dr. Reza Rabiei and Dr. Hamid Moghaddasi

2. M.S

Health Information Technology, Tehran University of Medical Sciences, Tehran, Iran, 2014-2017



Thesis Title: Design and Evaluation of virtual reality based game for rehabilitation upper extremity stroke patient



Supervisor: Dr. Leila Shahmoradi

3. B.Sc

Health Information Technology, Urmia University of Medical Sciences, Tehran, Iran, 2009-2014

Publications

- Toward Smart Hospitals: A Scoping Review of Features, Technologies, and Challenges, R. Rabiei, W.-C. Hsu, P. Bastani, **S. Almasi** , S. Mortezaei, and S. Dehghan, “ Transition” Health Science Reports 8 (2025): 1–22
- Comparing the Effectiveness of Artificial Intelligence Models in Predicting Ovarian Cancer Survival: A Systematic Review
F Asadi, M Rahimi, N Ramezanghorbani, **S Almasi** 
Cancer Reports 8 (3), e70138
- Exploring tele-speech therapy: A scoping review of interventions, applications, benefits, and challenges
K Moulaei, F Dinari, M Hosseini, **S Almasi**, B Sabet, R Anabestani,
International Journal of Medical Informatics, 105784

- Toward artificial intelligence (AI) applications in the determination of COVID-19 infection severity: considering AI as a disease control strategy in future pandemics M Ghaderzadeh, F Asadi, N Ramezan Ghorbani, **S Almasi**, T Taami
Iranian Journal of Blood and Cancer 15 (3), 93-111
- Developing Public Health Surveillance Dashboards: A Scoping Review on the Design Principles
R Rabiei, P Bastani, H Ahmadi, S Dehghan, **S Almasi** .
BMC public health,2024
- Usability Evaluation of Dashboards: A Systematic Literature Review of Tools
S Almasi, K Bahaadinbeigy, H Ahmadi, S Sohrabei, R Rabiei
BioMed Research International, 2023
- Self-care of Covid-19 disease using electronic health: scoping review
F Asadi, R Rahimi, Sh ghaderkhany, **S Almasi** .
Health science reports 6 (2), e1122
- Education and Promotion of the Country's Digital Health with an Approach to the Structure and Content of the Educational Program(**in persian**)
R Rabiei, K Bahaadinbeigi, M Samadbeik, H Emami, SM Tara, **S Almasi**
Iranian Journal of Culture and Health Promotion 7 (2), 196-206
- Design and evaluation of performance dashboard for paramedical faculty of Army University of Medical Sciences: Protocol for a mixed method study
S Almasi, N Mehrabi, M Ghorbani
Shiraz E-Medical Journal, 2023
- Electronic health technologies and thematic scopes of the interventional studies in asthma: A study based on PubMed
A Shahbodaghi, F Asadi, **S Almasi**, N Gavili Kilaneh
Health Education and Health Promotion 10 (3), 1-18
- Kinect-based rehabilitation systems for stroke patients: a scoping review
S Almasi, H Ahmadi, F Asadi, L Shahmoradi, G Arji, M Alizadeh,
BioMed research international 2022
- Reliability of trauma coding with ICD-10

F Asadi, MA Hosseini, **S Almasi**
Chinese Journal of Traumatology 25 (02), 102-106

- Efficacy of Telemedicine for the Management of Asthma: A Systematic Review
S Almasi, shahbodaghi, F Asadi.
Tanaffos 21 (2), 132
- Usability of Emergency Department Information System Based on Users' Viewpoint; a Cross-Sectional Study
S Almasi, N Mehrabi, F Asadi, M Afzali
Archives of Academic Emergency Medicine 10 (1), e71-e71
- Requirements and challenges of hospital dashboards: a systematic literature review.
R Rabiei, **S Almasi**[✉]
BMC Med Inform Decis Mak **22**, 287 (2022).
- Eye injury registries: a review on key registry processes
F Asadi, N Ramezanghorbani, **S Almasi**, MH Rangraz
Iranian journal of public health 50 (12), 2495-2508
- Telehealth in Management of COVID-19 Pandemic: A Scoping Review
S Almasi, F Asadi
Acta Medica Iranica 59 (11), 629
- Virtual reality games for rehabilitation of upper extremities in stroke patients
L Shahmoradi, **S Almasi**, H Ahmadi, A Bashiri, T Azadi, A Mirbagherie,
Journal of Bodywork and Movement Therapies 26, 113-122
- Telemedicine Services in Chronic Obstructive Pulmonary Disease: A Systematic Review of Patients' Adherence
A Sabahi, A Hosseini, H Emami, **S Almasi**
Tanaffos 20 (3), 209
- Emergency department quality dashboard; a systematic review of performance indicators, functionalities, and challenges
S Almasi, R Rabiei, H Moghaddasi, M Vahidi-Asl
Archives of Academic Emergency Medicine 9 (1)
- Designing a national eye injury registry model for Iran
F Asadi, N Ramezanghorbani, **S Almasi**
Medical Science 25 (109), 569-576
- Kinect-based virtual rehabilitation for upper extremity motor recovery in chronic stroke
S Almasi, L Shahmoradi, NN Ansari, R Honarpishe

International Serious Games Symposium (ISGS), 51-60,2020

- Mobile health technology for hypertension management: A systematic review
S Almasi, A, Hosseini, H Emami, A Sabahi
Acta Medica Iranica, 249-259
- Learning promotion of physiotherapy in neurological diseases: Design and application of a virtual reality-based game
L Shahmoradi, **S Almasi**, N Ghotbi, M Gholamzadeh
Journal of Education and Health Promotion 9
- Diagnosis and treatment of diseases in virtual environment(**in persian**)
shahmoradi L, **Almasi S**[✉], mehraban far M.
Journal of Modern Medical Information Sciences 3 (1), 56-66

Conference paper and presentation

- **Sohrab Almasi**, Leila Shahmoradi, Nouredin Nakhostin Ansari, Roshanak Honarpishe & hossein Ahmadi. Kinect-based Virtual Rehabilitation for Upper Extremity Motor Recovery in Chronic Stroke. International Serious Games Symposium 2020 at Allameh Tabataba'i University, 23-24 December 2020. Tehran. Iran. (**poster presentation**)
- **Sohrab Almasi**, Leila Shahmoradi, Alireza Mirbaghery, The effect of virtual reality based games on upper limb function of stroke patients. International conference on new research achievement in electrical and computer engineering 2019. Tehran. Iran. (**poster presentation**)

Research projects in Progress and Completed

Row	Title	Collaboration Type	Status/Type	Approval Date	Completion Date	University
1	Development and Validation of a Usability Assessment Questionnaire for Health Sector Dashboards Researchers: Reza Rabiei, Sohrab Almasi	Principal Investigator	Approved Pending Execution	2023/04/24	2025/04/13	Shahid Beheshti University of Medical Sciences
2	Investigating Reimbursement Policies for Digital Health by Health Insurance in Selected Countries and Proposing a Model for Iran Researchers: Sohrab Almasi , Reza Rabiei,	Principal Investigator	Completed	2023/04/02	2025/04/02	National Health Insurance Research Center
3	Design and Evaluation of a Management Dashboard for the Paramedical Faculty Researchers: Nahid Mehrabani, Mahdi Ghorbani, Sohrab Almasi	Principal Investigator	Completed	2022/10/12	2023/10/07	Artesh University of Medical Sciences
4	Design, Development, and Evaluation of a Management Dashboard for Emergency Departments in Iranian Hospitals Researchers: Reza Rabiei, Hamid Moghaddasi, Sohrab Almasi	Collaborator	Completed	2021/11/28	2023/01/10	Shahid Beheshti University of Medical Sciences

5	Usability Evaluation of Emergency Information Systems in Educational-Medical Centers from Users' Perspective in Critical Situations Researchers: Farkhondeh Asadi, Nahid Mehrabani, Ali Norouzi Aghideh, Mahboubeh Afzali, Sohrab Almasi	Collaborator	Completed	2021/05/15	2022/09/11	Artesh University of Medical Sciences
6	Scientometric Analysis and Thematic Trend Determination of E-Health Studies in Asthma Domain in PubMed Database (2009-2018) Researchers: Farkhondeh Asadi, Azam Shahboodaghi, Sohrab Almasi	Collaborator	Completed	2019/02/05	2022/06/15	Shahid Beheshti University of Medical Sciences
7	Design of a Virtual Reality-Based Game for Rehabilitation of Stroke Patients Researchers: Sohrab Almasi , Leila Shahmoradi, Alireza Mirbagheri, Nouredin Nakhostin Ansari	Principal Investigator	Completed	2017/01/25	2017/07/24	Tehran University of Medical Sciences

Awards & Honors

- ۱۴th Shahid Motahari Educational Festival and, ۲۲nd Iranian Medical Education Conferences: Evolution and Innovation in Medical Education, Iran Ministry of Health and Medical Education, The first educational process in level country. ۲۰۲۱,

Teaching History

Teaching of “**Introduction to new technologies in radiology**” to BSc of Radiology Students in KUMS.

Teaching of “**Specialized English for Health Information Technology**” to BSc of Health Information Technology Students in KUMS.

Teaching of “**Health Information Management 1 and 2**” to BSc of Health Information Technology Students in KUMS.

Teaching of “**Health information management and quality improvement**” to MSc of Health Information Technology Students in KUMS.

Teaching of “**Application of Health Information Systems**” to BSc of Health Information Technology Students in KUMS.

Teaching of “**Introduction to Computer application**” to BSc of Health Information Technology Students in KUMS.

Teaching of “**Medical information systems**” to MSc of operation room students

Experiences

- Head of Health Information Management Unit of Dr. Sepir Hospital, ۲۰۱۴-۲۰۱۶
- Head of health information management unit Aria Hospital, ۲۰۱۷
- Receptionist at Mehrad Hospital, ۲۰۱۸-۲۰۱۹
- Head of Health Information Management Unit at Omid Hospital, ۲۰۲۰
- Coder in health information management unit at Moheb Kotsar Hospital, ۲۰۲۱-۲۰۲۲

International Scientific Contributions

An reviewer to the following international journals:

- BMC Medical Informatics and Decision Making
- Health Science Reports
- Plose One
- BMC Health Services Research
- BMC Public Health
- BMC Digital Health
- Applied clinical informatics

Language Skills

- **English**

Speaking: Good, Reading: Good

Education courses

- **8 hours as an participate in Scientific Writing School**, an educational event organized by Center for Orthopedic Trans-Disciplinary Applied Research (COTAR), Students' Orthopedic Research Association (ORA) in July-August 2024.
- "Nursing informatics virtual course (intermediate)" which took place virtually at Virtual School of smart university of medical sciences in 2023 for 64 hours
- WordPress training for website design in 2023 for 120 hours From the site: <https://abzarwp.com/wordpress-tutorials/>
- " TECHNOLOGY SOLUTIONS FOR TELENURSING AND GENERATING KNOWLEDGE" which took place virtually at Virtual School of Tehran University of Medical Sciences from April 16 to June 16, 2022 for 16 hours
- "Nursing informatics virtual course " which took place virtually at Virtual School of Tehran University of Medical Sciences in 2019 for 64 hours
- "37th Course on SYSTEMATIC REVIEW & META-ANALYSIS" which took place virtually at of Tehran University of Medical Sciences in 2019 for 120 hours
- "Preliminary statistics and familiarity with the software SPSS", Tehran University of Medical Sciences, 2017
- "Data mining of databases in the field of health", Faculty of Paramedicine, Tehran University of Medical Sciences, 2017
- "Design and implementation of computer networks in the field of healthcare", Faculty of Paramedicine, Tehran University of Medical Sciences, 2018
- "How to write review articles Systematic", Faculty of Paramedicine, Urmia University of Medical Sciences, 2015
- "Network+", Galax Noor Tehran Institute, 2015

Research Interests

- Health Information Management
- Medical Informatics
- Information System Management