

In the Name of GOD (He is the First and the Last)

Azadeh Bashiri, *Associate Professor of Health Information Management, Shiraz University of Medical Sciences, Iran*

Contact Information: Bashiri.azadeh@gmail.com , a_bashiri@sums.ac.ir

Research Profiles: [Scopus](#) , [Google Scholar](#) , [Research gate](#) , [ORCID](#) , [Publon](#) , [ISID](#)

Education:

- Ph.D. in Health Information Management, Tehran University of Medical Sciences, Tehran, Iran (March 2013- Dec 2018), *Dissertation Title: Designing and Implementation of a Clinical Decision Support System to Provide the Best Computerized Cognitive Rehabilitation for Attention Deficit Hyperactivity Patients, Based on Quantitative Electroencephalography*
- M.Sc. In Medical Records Education, Tehran University of Medical Sciences, Tehran, Iran (Sep 2010-Feb 2013), *Dissertation Title: A Conceptual Model of Radiology Reporting System for Exchanging Reports with Electronic Health Records System in Iran*
- B.Sc. In Medical Records Education, Shahid Beheshti University of Medical Sciences, Tehran, Iran (Sep 2006-Sep 2010). *Dissertation Title: Electronic Coding in Medical Records*

Honors & Awards:

- Excellent educational student (brilliant talent, first rank), 2008, Shiraz University of Medical Sciences
- Rank 4 in BSc entrance exam (2008)
- Excellent educational student (brilliant talent, first rank) 2010, Shahid Beheshti University of Medical Sciences
- Rank 12 in MSc entrance exam (2010).
- Top graduated (master's degree), School of Management and Medical Information Sciences, Tehran University of Medical Sciences in 2012.
- Rank 7 in Ph.D. entrance exam (2012).
- First rank in the solution competition among the medical universities of the country. 2017.
- Top graduated (Ph.D. degree), School of allied medical sciences, Tehran University of Medical Sciences in 2017.
- Top peer reviewer, School of Health Management and Information Sciences, Health Human Resources Research Center, Shiraz University of Medical Sciences. 2024.
- Top peer reviewer, School of Health Management and Information Sciences, Health Human Resources Research Center, Shiraz University of Medical Sciences. 2025.
- Selected as a **Top 2%** most-cited researcher in the world for 2025, based on Stanford University's Composite Citation Indicator.

Professional experiences and Occupations:

- Teaching Assistant, Health Information Management Department, School of Allied Medical Sciences, Tehran University of Medical Sciences. (2014-2016)
- Assistant Professor, Health Information Management Department, School of Health Management and Information Sciences, Health Human Resources Research Center, Shiraz University of Medical Sciences. (Feb 2019 to Feb 2025)
- Associate Professor, Health Information Management Department, School of Health Management and Information Sciences, Health Human Resources Research Center, Shiraz University of Medical Sciences. (Feb 2025 to now)
- Head of Education Development Office (EDO), School of Management and Medical Information Sciences. Shiraz University of Medical Sciences (Nov 2019 to now)
- Editorial Manager of Journal of Health Management & Information Science, Shiraz University of Medical Sciences (Jan 2024 to now)

Publications:**Articles:**

Authors	Date		Indexing	Journal	Type	Article Title
	year	month				
Mohammad Shirdeli, Rita Rezaee, Azadeh Bashiri, Arash Mani, Somayyeh Zakerabasali, Felix Holl	2025	August	ISI: 2.1 Scopus PubMed	Health science reports	Original	Exploring the Requirements for an mHealth App to Prevent and Manage Perinatal Anxiety and Depression
Zahra Arabkermani, Roxana Sharifian, Peivand Bastani, Azadeh Bashiri, Abbas Sheikhtaheri	2025	April	SCOPUS	Journal of Health Sciences and Surveillance System	Original	Requirements for Vitiligo Registry Design in Iran: A Qualitative Content Analysis Study
Behrouz Alizadeh Savareh, Zahra Bagheri, Azadeh Bashiri (Corresponding author)	2025	February	ISC	Journal of Modern Medical Information Sciences	Review	Tele-Monitoring Technologies in Providing Home Care for the Elderly People: a Narrative Review
Najme Ashkani, Leila Erfannia, Rita rezaee, Behrouz Alizadeh Savareh, Azadeh Bashiri (Corresponding author)	2024	December	ISI: 3.4 Scopus PubMed	BMC Cancer	Original	Developing and Validating a Content Quality Evaluation Tool for Cancer Mobile Applications
Behrouz Alizadeh Savareh, Zahra Karandish, Fardis Farhoudi, Azadeh Bashiri (Corresponding author)	2024	October	ISI: 2.3 Scopus PubMed	Healthcare Informatics Research	Review	Pain Management in Cancer Patients: The Effectiveness of Digital Game-based Interventions: A Rapid Literature Review

Curriculum Vitae

Fatemeh Dinari, Azadeh Bashiri, Raziyeh Raufi, Khadajah Moulai, Reza Moulai	2024	November	ISC	Journal of Health and Biomedical Informatics	Original	Identifying and Introducing the Design Requirements of a Mobile Self-Management Application for Hemodialysis Patients: A Cross-Sectional Study
Fatemeh Niknam, Roxana Sharifian, Azadeh Bashiri, Maryam Mardani, Reza Akbari and Peivand Bastani	2024	August	ISI: 6.3 Scopus PubMed	Systematic Review	Review	Technological aspects and recommendations for applying tele-dentistry in oral medicine; A scoping Review
Azadeh Bashiri (first author), Fatemeh Askarian, Zahra Mokhtari, Fatemeh Ghaznavi	2023	December	ISC	Health Management & Information Science	Original	An assessment of the utilization of the Health Level Seven standards of EHR performance model in hospital information systems
Marjan Jokar Mohammad Ali Sahmeddini Farid Zand Rita Rezaee Azadeh Bashiri (Corresponding author)	2023	November	ISI: 2.6 Scopus PubMed Embase	BMC anesthesiology	Original	Development and evaluation of an anesthesia moule for electronic medical records in the operating room; an applied developmental study
Fatemeh Niknam, Roxana Sharifian, Azadeh Bashiri, Maryam Mardani, Reza Akbari, Haitham Tuffaha, Loc Do, Peivand Bastani	2023	June	ISI: 2.736 Scopus PubMed Embase	Archives of Public Health	Original	Tele-dentistry, its trends, scope, and future framework in oral medicine; a scoping review during January 1999 to December 2021
Arabkermani, Zahra; Sharifian, Roxana; Aryanian, Zeinab; Bastani, Peivand; Esmaeli, Nafiseh Bashiri, Azadeh; Sheikh Taheri, Abbas	2023	July	Scopus PubMed Embase	Journal of the Dermatology Nurses' Association	Original	Design, Implementation, and Usability Evaluation of the Iranian Primary Vitiligo Patient Regi stry
Azadeh Bashiri (first author), Leila Shahmoradi, Behrouz Alizadeh Savareh, Marjan Ghazisaeedi	2023	March	ISC	Journal of Health and Biomedical Informatics	Review	Identification of Effective Computerized Cognitive Rehabilitation Programs in Improving Attention in the Children and Adolescents with Attention Deficit Hyperactivity Disorder

Curriculum Vitae

Azadeh Bashiri (first author), Mohammad Shirdeli, Fatemeh Niknam, Soheila Naderi, Sahar Zare	2023	January	ISI: 3.298 Scopus PubMed Embase	BMC Medical Informatics and Decision Making	Original	Evaluating the success of Iran Electronic Health Record System (SEPAS) based on the DeLone and McLean model: a cross-sectional descriptive study
Zahra Arabkermani, Abbas Sheikhtaheri, Zeinab Aryanian, Peivand Bastani, Nafiseh Esmaeli, Azadeh Bashiri, Gholamhossein Mehralian, Roxana Sharifian	2022	December	ISI: 3.776 Scopus PubMed Embase	Heliyon	Original	Developing a Minimum Data Set Required to Create a Registry System for Patients with Vitiligo
Elahe Hosseini, Roxana Sharifian, Azadeh Bashiri, Hadi Daneshmandi	2022	December	ISI: 2.667 Scopus PubMed Embase	<i>Pain Research and Management</i>	Original	Effect of a Developed Nursing Stretch Break Application on Work-Related Musculoskeletal Complications and Fatigue among Nurses: An Interventional Study
Zahra Arabkermani, , Roxana Sharifian Zeinab Aryanian, Peivand Bastani, Nafiseh Esmaeli, Azadeh Bashiri, Gholamhossein Mehralian Abbas Sheikhtaheri,	2022		Scopus PubMed Embase	IOS Press	Original	Usability of Iranian Primary Vitiligo Patient Registry (IPVPR): A Pilot Study
Hajar Mardani, Azadeh Bashiri, Golnar Sabetian, Nasrin Shokrpour, Farid Zand, Mansoor Masjedi, Roxana Sharifian	2022 January		ISC, Google scholar	Health Management & Information Science	Original	Development and Evaluation of Electronic Medical Record Admission Module in Intensive Care Unit: A Case Study in Iran
Azadeh Bashiri (first author), Ahmadreza Sardarian, Fatemeh Niknam, Fatemeh Yazdanpanahi	2022 January		ISC, Google scholar	Health Management & Information Science	Review	Developing a Minimum Data Set for Orthodontic Information Management: A Review of Evidences
Azadeh Bashiri (first author), Roxana Sharifian, Behrouz Alizadeh Savareh, Fatemeh Babaei, Fatemeh Yazdanpanahi	2022 October		ISC, Google scholar	Health Management & Information Science	Review	The Opportunities of Virtual Social Networks in Awareness of Covid-19: Experience of Medical Sciences Students in Iran

Curriculum Vitae

1.Mohammadreza Haji Abadi 2.Behrouz Alizadeh Savareh (corresponding author) 3.Hassan Emami 2.Azadeh Bashiri (corresponding author)	2021	November	ISI: 3.298 Scopus PubMed Embase	BMC Medical Informatics and Decision Making	Original	Comparison of Wavelet Transformations to Enhance Convolutional Neural Network Performance in Brain Tumor segmentation
1.Elahe Hosseini 2.Hadi Daneshmandi 3.Azadeh Bashiri 4.Roxana Sharifian	2021	July	ISI: 2.25 Scopus PubMed Embase	BMC Musculoskeletal Disorders	Original	Work-related Musculoskeletal Symptoms among Iranian Nurses and its Relationship with Fatigue: A Cross-sectional Study", which was submitted to BMC Musculoskeletal Disorders
1.Behrouz Alizadeh Savareh 2.Azadeh Bashiri 3.Mohammad Mehdi Hatef 4.Boshra Hatef	2020	December	ISI: 1.054 Scopus PubMed Embase	Biomedical Engineering/Biomedizinische Technik	Original	Prediction of salivary cortisol level by electroencephalography features.
1.Leila Shahmoradi 2. Sohrab Almasi 3. Hossein Ahmadi 4. Azadeh Bashiri 5. Tania Azadi 6. Alireza Mirbagheri, 7. Nouredin Nakhoshtin Ansari, 8.Roshanak Honarpishe	2021	April	ISI (ESCI) Scopus PubMed Embase	Journal of Bodywork and Movement Therapies	Original	Virtual reality games for rehabilitation of upper extremities in stroke patients.
1. Azadeh Bashiri (first author) 2. Roghaye Hosseinkhani	2020	December	Scopus Embase DOAJ	Acta Medica Iranica	Original	Infant Crying Classification by Using Genetic Algorithm and Artificial Neural Network
1.Behrouz Alizadeh Savareh 2. Hamid Asadzadeh Aghdaie 3.Ali Behmanesh, 4. Azadeh Bashiri 5. Amir Sadeghi 6. Mohammadreza Zali 7. Roshanak Shams	2020	September	ISI: 3.629 Scopus PubMed Embase	Pancreatology	Original	A machine learning approach identified a diagnostic model for pancreatic cancer through using circulating microRNA signatures
1.Azadeh Bashiri (first author) 2. Behrouz Alizadeh Savareh	2019	December	ISI (ESCI) Scopus PubMed	Clinical and experimental emergency medicine	Review	Promotion of prehospital emergency care through clinical decision support systems: opportunities and challenges

Curriculum Vitae

3. Marjan Ghazisaeedi						
1. Behrouz Alizadeh Savareh 2. Gholam Hossein Meftahi 3. Azadeh Bashiri 4. Boshra Hatef	2019	December	ISI (ESCI) Scopus Embase	International Journal of Biomedical Engineering and Technology	Original	Overlapping group sparse denosing: a good choice for noise removal from EMG signal in intermittent masseter muscle activity
1. Marjan Ghazisaeedi 2. Leila Shahmoradi 3. Sharareh R Niakan Kalhori 4. Azadeh Bashiri (corresponding author)	2018	October	ISI: 1.291 Scopus PubMed Embase DOAJ	Iranian journal of public health	Review	Management of Computerized Cognitive Training Programs in Children with ADHD: The Effective Role of Decision Support Systems
1. Azadeh Bashiri (first author) 2. Marjan Ghazisaeedi	2018	December	ISI: 1.291 Scopus PubMed Embase DOAJ	Iranian journal of public health	Review	The effectiveness of mHealth apps in the rehabilitation of children with attention-deficit hyperactivity disorder
1. Behrouz Alizadeh Savareh 2. Azadeh Bashiri 3. Ali Behmanesh 4. Gholam Hossein Meftahi 5. Boshra Hatef	2018	July	ISI: 2.38 Scopus PubMed Embase DOAJ	PeerJ	Original	Performance comparison of machine learning techniques in sleep scoring based on wavelet features and neighboring component analysis
1. Azadeh Bashiri (First Author) 2. Marjan Ghazisaeedi 2. Leila Shahmoradi 3. Behrouz Alizadeh Savareh 4. Hamid Beigy 5. Sharareh R Niakan Kalhori 6. Masoud Nosratabadi 7. Mahnaz Estaki	2018	February	ISI (ESCI) Scopus PubMed Embase DOAJ	Future Science OA	Original	Quantitative EEG features selection in the classification of attention and response control in the children and adolescents with attention deficit hyperactivity disorder
1. Ali Aliakbar Esfahani, 2. Hossein Ahmadi, 3. Mehrbakhsh Nilashi, 4. Azadeh Bashiri, 5. Mohsen Abbasi Farajzadeh, 6. Leila Shahmoradi, 7. Hamid Reza Rasouli,	2018	February	Scopus ProQuest Google Scholar	International Journal of Engineering and Technology (UAE)	Original	An Evaluation Model for the Implementation of Hospital Information System (HIS) in Public Hospitals Using Multi-Criteria-Decision-Making (MCDM) Approaches

Curriculum Vitae

8. Moustafa Hekmat						
1.Khadije Moeil 2.Tabaghdehi, 3.Marjan 4.Ghazisaeedi, 5. Leila Shahmoradi, 6.Hosein Karami, 7.Azadeh Bashiri (Corresponding author)	2018	February	DOAJ Google Scholar	Journal of Community Health Research	Original	Designing a Minimum Data Set for Major Thalassemia Patients; Toward Electronic Personal Health Record
1.Hossein Ahmadi, 2.Leila Shahmoradi, 3.Farahnaz Sadoughi 4. Azadeh Bashiri, 5.Mehrbakhsh Nilashi, 6. Abbas Sheikhtaheri, 7. Sarminah Samad, 8. Othman Ibrahim	2018	July	Google Scholar	Journal of Soft Computing and Decision Support Systems	Review	A Narrative Literature Review on the Impact of Organizational Context Perspective on Innovative Health Technology Adoption
1.Leila Shahmoradi, .Vahid Changizi, 3.Esmail Mehraeen, 4. Azadeh Bashiri (corresponding author) 5.Behrooz Jannat, 6.Mahsa Hosseini	2018	September	ISI (ESCI) Scopus PubMed DOAJ	Journal of education and health promotion	Original	The Challenges of E-learning System; Higher Educational Institutions Perspective
1.Azadeh Bashiri (First Author) 2. Marjan Ghazisaeedi 2. Leila Shahmoradi	2017	November	Scopus PubMed Embase DOAJ	Korean Journal of Pediatrics	Review	The Opportunities of Virtual Reality in the Rehabilitation of ADHD children; a Brief Literature Review
1.Azadeh Bashiri (First Author) 2.Marjan Ghazisaeedi 3.Reza Safdari, 4.Leila Shahmoradi, 5.Hamide Ehtesham	2017	February	ISI: 1.291 Scopus PubMed Embase DOAJ	Iranian journal of public health	Review	Improving the Prediction of Survival Time in Cancer Patients; Experience of Using Machine Learning Techniques based on Gene Expression Data
1.Hamideh Ehtesham, 2. Reza Safdari, 3.Arash Mansourian, 4.Shahram Tahmasebian, 5.Niloofar Mohammadzadeh, 6.Marjan Ghazisaeedi,	2017	November	ISI (ESCI) DOAJ	Journal of Oral Health and Oral Epidemiology	Review	Clinical Decision Support System (CDSS); a Potential Solution for Diagnostic Accuracy Improvement in Oral Squamous Cell Carcinoma(OSCC): a Systematic Review

Curriculum Vitae

7.Azadeh Bashiri (Corresponding author)						
1.Behrouz Alizadeh Savareh 2.Ali Ghanjal, 3.Azadeh Bashiri, 4.Monireh Motaqi, 5.Boshra Hatef	2017	July	ISI: 2.38 Scopus PubMed Embase DOAJ	PeerJ	Original	The power features of Masseter muscle activity in tension-type and migraine without aura headache during open-close clench cycles
1.Behrouz Alizadeh Savareh, 2. Yousef Sadat, 3.Azadeh Bashiri, 4.Mehraban Shahi, 5.Nasrin Davaridolatabadi	2017	September	ISI (ESCI) Scopus PubMed Embase DOAJ	Future Science OA	Original	The Design and Implementation of the Software Tracking Cervical and Lumbar vertebrae in Spinal Fluoroscopy Images
1.Behrouz Alizadeh Savareh, 2.Azadeh Bashiri, 3. Mehrnaz Mostafavi	2017	September	SID Google Scholar	progress in biological sciences	Original	Neighborhood matrix: A new idea in matching of two dimensional gel images
1.Azadeh Bashiri (First Author) 2.Marjan Ghazisaeedi	2017	November	Google Scholar Index Copernicus Index Medicus	International Journal Of Community Medicine And Public Health	Review	Open MRS Softwares: Effective Approaches in Management of Patients' Health Information
1.Behrouz Alizadeh Savareh, 2. Reza Safdari, 3. Maryam Zolnoori, 4.Azadeh Bashiri (corresponding author)	2015	August	Scopus PubMed Embase	Acta Informatica Medica	Original	Developing an intelligent system for diagnosis of asthma based on artificial neural network
1.Maryam Ahmadi 2. Marjan Ghazisaeedi 3. Azadeh Bashiri (corresponding author)	2015	September	Scopus Google Scholar	global journal of health science	Original	Radiology Reporting System Data Exchange With the Electronic Health Record System
1.Maryam Ahmadi 2. Azadeh Bashiri (corresponding author)	2014	April	SID Google Scholar	Payavard Salamat	Original	A Minimum Data Set Of Radiology Reporting System For Exchanging With Electronic Health Record System In Iran
1.Ali Mohammadi, 2. Maryam Ahmadi, 3.Azadeh Bashiri, 4.Zahra Nazemi	2014	January	SID Google Scholar	Journal of Clinical Research in Paramedical Sciences	Original	Designing the minimum data set for orthopedic injuries
1.Azadeh Bashiri (corresponding author)	2014	April	-	Iranian Health Information Management	Review	Image processing: an important approach to early detection of cancer

Curriculum Vitae

2. Behrouz Alizadeh Savareh				Association Journal		
1. Marjan Ghazisaeedi 2. Azadeh Bashiri (corresponding author)	2016	April	-	Iranian Health Information Management Association Journal	Review	The Role of Clinical Decision Support Systems in Pre-hospital Emergency Care: a review
Azadeh Bashiri (corresponding author)	2011	April	-	Delta journal	Review	RFID and Patient Safety

➤ *Conferences:*

Congress name	Data	Lecture/Poster	Title
2nd National and 1st International Digital Games Research Conference (DGRC): Trends, Technologies, and Applications, IEEE	November 2018	Lecture	Designing a Clinical Decision Support System for Recommending Computerized Cognitive Programs in the Rehabilitation of Attention Deficit Hyperactivity Disorder
Fourth National Conference on Enhancing Health Information Management and its Role in Implementing the Health System Transformation Plan	May 26-27, 2015	Poster	Reporting efficiency, improved radiology diagnostic findings, and providing quality care to patients.
Third Seminar on Medical Informatics	February 18, 2013	Poster	Open MRS as a foundation for developing electronic health records
Fifth National Congress of Medical Students	February 27-29	Lecture	RFID and patient safety.
Fifth National Congress of Medical Students	February 27-29	Poster	Telehealth as a significant step towards increasing the use of information technology in the field of healthcare.
First National Congress of Medical Informatics	January-February 2017	Lecture	Decision Support Algorithms for Clinical Evaluation of EEG; Experience of ADHD Children
First National Congress of Medical Informatics	January-February 2017	Poster	The Advances in Cancer Survival Prediction by Gene Expression Data; Using Machine Learning Approaches
Third International Congress on Mobile Health	February 22-23 2017	Poster	mHealth Apps: Effective Solutions in Rehabilitation of ADHD Patients
International Journal of Health and Medical Engineering	December 2015	Poster	Application of Artificial Neural Network Technique for Diagnosing Asthma
International Conference on Biomedical, Clinical and Health Informatics	2016	Poster	Exchanging Radiology Reporting System with Electronic Health Record: Designing a conceptual model
4th International Congress on Mobile Health	February 16-18, 2021	Poster	Ergonomic approaches in Mobile Health: a Narrative Review
Seminar on Health Technology and Transformations in Hospitals	February 15-18, 2015	Lecture	Marketing healthcare services through social networks

Curriculum Vitae

Seminar on Health Technology and Transformations in Hospitals	February 15-18, 2015	Lecture	The role of privacy risk auditing in hospitals' adaptation to technological advancements.
Seminar on Health Technology and Transformations in Hospitals	February 15-18, 2015	Lecture	An overview of considerations for auditing outsourcing of information technology in healthcare organizations.
4th International Congress on Mobile Health	February 16-18, 2021	Poster	Introducing Public Health Informatics to Prevention and Control of Public Health Emergencies: Integration Between Public Health Information System and mHealth
4th International Congress on Mobile Health	February 16-18, 2021	Poster	Opportunities of Information Technologies in COVID-19 Pandemic: Social Networks Approach
4th International Congress on Mobile Health	February 16-18, 2021	Poster	Mobile Health Clinics; a Way to Control COVID-19 Pandemic in Iran
4th International Congress on Mobile Health	February 16-18, 2021	Poster	A Survey of the Students' knowledge about COVID-19 through Social Networks in Shiraz University of Medical Sciences
4th International Congress on Mobile Health	February 16-18, 2021	Poster	WhatsApp in Healthcare: A Narrative Review
4th International Congress on Mobile Health	February 16-18, 2021	Poster	Mobile-Based Intervention in Parkinson's Disease: A Narrative Review
4th International Congress on Mobile Health	February 16-18, 2021	Poster	Intensive Care Unit Telemedicine and the Necessity to Develop Minimum Dataset
4th International Congress on Mobile Health	February 16-18, 2021	Poster	The Effectiveness of Mobile Decision Support Systems in Covid-19 Pandemic: A systematic review"
3rd Seminar on Information Technology and Health Promotion with a focus on Nursing	February 16-18, 2021	Lecture	Nursing Stretch Break (NBS): A Unique Mobile-based Application for Management of Musculoskeletal Disorders in Nurses
3rd International Ergonomics Webinar in Iran and the 4th Annual Ergonomics Conference in Iran	December 13-15, 2020	Lecture	Designing and evaluating an application for the management of musculoskeletal disorders in nurse
5th International Congress on Mobile Health	March 3-4, 2021	Poster	Work-related Musculoskeletal Symptoms among Iranian Nurses and its Relationship with Fatigue: A Cross-sectional Study
5th International Congress on Mobile Health	January 24-25, 2023	Poster	Effectiveness of digital behavior changes intervention (DBCI) on health behavior change in obese and overweight people: A systematic review
4th International Congress on Mobile Health	January 24-25, 2023	Poster	The effect of mobile health on self-management in patients with gastric cancer: A systematic review

Curriculum Vitae

Other Activities:

Book(S):

- Co-author, Electronic Health Record and Knowledge Discovery, Heidari publications. (2020, Printed) [In Persian]

Review Activities:

- Institute for Health Metrics and Evaluation, The Global Burden of Disease (**GBD**) Collaborator, and international peer-review journals.

Until September 2025 ...