

Brief Curriculum Vitae

Somayeh Fazaeli (PhD)	Contact Information
	Address Department of Health Information Technology, school of paramedical, Mashhad University of Medical Sciences, Mashhad, Iran.
	(Assistant Professor in Health Information Management)
Tel	+989155127963
	Email Fazaeli93@gmail.com . fazaelis@mums.ac.ir
	Date of Birth 8 - 8 - 1984
	Marital Status Married
	Research lines and interests Health system Responsiveness to patients' needs- improvement of medical records documentation- health information system- quality research in patient and staff satisfaction-

Academic qualifications	2011-2014	Ph.D. in Health Information Management, Department of health information management, IRAN University of medical sciences, Tehran, IRAN. (Doctoral thesis: a framework for health system responsiveness in Iran .)
	2007-2009	MS in Medical Records, Tehran University of Medical Sciences, Iran.
	2004-2007	BS in Medical Records, Tehran University of Medical Sciences, Iran.

Positions held -current and past	2014-present	Assistant professor of health information technology department, paramedical school, Mashhad University of medical sciences, Mashhad, Iran.
	Dr sheik Hospital- mashhad- iran	Health information management employee
	Health information technology department in the paramedical school	Health information management department employee
	Rajaei Hospital- Ghazvin- Iran	Health information management employee
	Children's medical center- Tehran- Iran	Health information management employee

Published articles	Yousefi, M., Ebrahimi, Z., Bakhshi, M., & Fazaeli, S. Occupational Challenges of Intensive Care Nurses during the Covid-19 Pandemic: A Qualitative Study [10.34172/jcs.2023.30626]. <i>J Caring Sci.</i> https://doi.org/10.34172/jcs.2023.30626 https://jcs.tbzmed.ac.ir/Inpress/jcs-30626	Pubmed
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	<p>Yousefi M, Fazaeli S, Mohammad-Pour S. Years of life lost (YLL) associated with COVID-19 deaths in Khorasan-RAZAVI province, Iran. <i>J Public Health (Oxf)</i>. 2023 Mar 14;45(1):259-266. doi: 10.1093/PublicHealth/fdab392. PMID: 34927698; PMCID: PMC8754705. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8754705/</p>	ISI
	<p>Fazaeli S, Yousefi M, Shokohizadeh M. Development of a Dashboard in the Emergency Department during the COVID-19. <i>IRANIAN RED CRESCENT MEDICAL JOURNAL</i>. 2022 Nov 1;24(11). https://www.ircmj.com/index.php/IRCMJ/article/view/2241</p>	ISI
	<p>Yousefi M, Assari Arani A, Sahabi B, Kazemnejad A, Fazaeli S. Household Health Costs: Direct, Indirect and Intangible. <i>Iran J Public Health</i>. 2014 Feb;43(2):202-9. PMID: 26060744; PMCID: PMC4450688. https://pubmed.ncbi.nlm.nih.gov/26060744/</p>	ISI
	<p>Fazaeli, S., Yousefi, M., & Sabethoseini Dokht, M. . (2021). Implementation of Electronic Patient Discharge: A Successful Strategy to Increase Hospital Bed Capacity during the COVID-19 Pandemic. <i>Iranian Red Crescent Medical Journal</i>, 23(12). https://doi.org/10.32592/ircmj.2021.23.12.1505</p>	ISI
	<p>Ebrahimipour H, Olyani S, Rezazadeh A, Khorsand A, Fazaeli S, Jafari M, et al. A Survey on the Effect of "Iran's Health System Evolution" and "Tariff change" on Obstetrics and Genycology Ward Performance of a Big Tertiary Hospital(Unpublished Work). <i>The Iranian Journal of Obstetrics, Gynecology and Infertility</i>2017. https://ijogi.mums.ac.ir/article_9586.html?lang=en</p>	Scopus
	<p>Yousefi M, Ebrahimi Z, Fazaeli S, Mashhadi L. Continuous multidimensional assessment system of medical residents in teaching hospitals. <i>Health Sci Rep</i>. 2022 Apr 5;5(3):e573. doi: 10.1002/hsr2.573. PMID: 35415274; PMCID: PMC8982702.</p>	ISI
	<p>Yousefi M, Aliani S, Valinejadi A, Rezazadeh A, Khorsand A, Fazaeli S et al . Effect of "Iran's health system evolution plan" and "tariff change" on financial performance of para-clinic units in a big tertiary hospital in Iran. <i>Koomesh</i>. 2018; 20 (2) :403-409 http://koomeshjournal.semums.ac.ir/article-1-4175-en.html</p>	Scopus
	<p>Shojaei S, Yousefi M, Ebrahimipour H, Valinejadi A, Tabesh H, Fazaeli S et al . Catastrophic health expenditures and impoverishment in the households receiving expensive interventions before and after health sector evolution plan in Iran: Evidence from a big hospital. <i>Koomesh</i>. 2018; 20 (2) :283-290 http://koomeshjournal.semums.ac.ir/article-1-4174-en.html</p>	Scopus
	<p>Yousefi.M, fazaeli.S, Masoudi.S, Arfae-Shahidi.N, Ebrahimi.Z. Comparative Study of the Physician Specialty and Laboratory Services Requested for Patients with COVID-19: Evidence from a Large Hospital. <i>Journal of Isfahan Medical School</i>. 2021;39(610):33-40. http://jims.mui.ac.ir/article_12260.html</p>	Scopus
	<p>Yousefi M, Ebrahimi Z, Fazaeli S. The Experiences of Nurses of Infectious and Non- Infectious Wards of Caring COVID-19 Patients in a Big Hospital in Iran: A Qualitative Study. <i>Iran J Nurs Midwifery Res</i>. 2022 Jan 25;27(1):35-40. doi: 10.4103/ijnmr.IJNMR_459_20. PMID: 35280194; PMCID: PMC8865239.</p>	ISI
	<p>Fazaeli S, Khodaveisi T, Vakilzadeh AK, Yousefi M*, Ariaifar A, Shokohizadeh M, Mohammad-Pour S. Development, Implementation, and User Evaluation of COVID-19 Dashboard in a Third-Level Hospital in Iran. <i>Appl Clin Inform</i>. 2021 Oct;12(5):1091-1100. doi: 10.1055/s-0041-1740188. Epub 2021 Dec 8. PMID: 34879405; PMCID: PMC8654579. https://pubmed.ncbi.nlm.nih.gov/34879405/</p>	ISI
	<p>Ahmadi AM, Assari A, Yousefi M, Fazaeli S, Maleki B. Proposing a Need-based Model to Distribute Professional Human Resources in Health Sector Using Benchmarking of Various Tax Systems. <i>Hakim</i>. 2012;15(3):221-228. https://hakim.tums.ac.ir/article-1-1043-en.html&sw=Yousefi</p>	ISC

	<p>Yousefi M, Assari Arani A, Sahabi B, Kazemnejad A, Fazaeli S. The Financial Contribution Of Households Using By Health Services. <i>payavard</i>. 2015; 8 (6) :517-527. URL: http://payavard.tums.ac.ir/article-1-5623-en.html</p>	Scopus
	<p>Fazaeli S, Yousefi M, Banikazemi SH, Ghazizadeh Hashemi SA, Vakilzadeh AK, Hoseinzadeh Aval N. Importance of Client Orientation Domains in Non-Clinical Quality of Care: A Household Survey in High- and Low-Income Districts of Mashhad. <i>Glob J Health Sci</i>. 2015 Dec 18;8(7):228-34. doi: 10.5539/gjhs.v8n7p228. PMID: 26925911; PMCID: PMC4965680. https://pubmed.ncbi.nlm.nih.gov/26925911/</p>	Pubmed
	<p>fazaeli S, ghazizadeh hashemi S, Ebrahimpour H, Banikazemi S, Yousefi M, Valinejadi A. Public or Private Hospitals: Survey of Households' Tendencies in Some Selected Areas of Mashhad. <i>jha</i>. 2016; 18 (62) :75-86. URL: http://jha.iums.ac.ir/article-1-1814-en.html</p>	ISC
	<p>Fazaeli, S., Yousefi, M., Laal-Mousavi, S., Fazaeli, M. Survey health literacy in Mashhad University of Medical Sciences regarding COVID-19 protocols. <i>Journal of Health Literacy</i>, 2022; 7(1): 75-85. doi: 10.22038/jhl.2022.63068.1261. https://literacy.mums.ac.ir/article_19975.html</p>	Scopus
	<p>Ebrahimpour H, Olyani S, Rezazadeh A, Khorsand A, Fazaeli S, Yousefi M. Survey on Economic and Performance Indicators of a Big Tertiary Hospital: Before and After Health Care Evolution Plan, Tariff Change and Pay for Performance Instruction Implementation. <i>Hakim</i>. 2018; 21 (1) :57-63. URL: http://hakim.hbi.ir/article-1-1862-en.html</p>	ISC
	<p>Yousefi, M., Assari Arani, A., Sahabi, B., Kazemnejad, A., Fazaeli, S. Development of Electronic Health and Household's Health Expenditure Reduction. <i>Health Information Management</i>, 2014; 10(6): 876-886. http://him.mui.ac.ir/index.php/index/article_11247.html?lang=en</p>	ISC
	<p>khorsand A, Yousefi M, Fazaeli S, Shokohizadeh M, Sadati SM, Bahrami A. Identifying and prioritizing the needed reforms at the hospital information system from the users' perspective: A Case Study in Imam Reza Hospital in Mashhad in 2015. 3017;5(4):e81561. https://brieflands.com/articles/jcrps-81561.html</p>	Scopus
	<p>Fazaeli, S. ., Yousefi, M. ., Jamali, J. ., Ebrahimi, Z. ., & hemati esmaeili, maliheh. (2021). Evaluation of Occupational Stress and Hospital Support for Nurses Caring for COVID-19 Patients: Comparison Between Nurses with Experience of Patient Care in Infectious and Non-Infectious Wards. <i>Iranian Red Crescent Medical Journal</i>, 23(5). Retrieved from https://ircmj.org/index.php/IRCMJ/article/view/366 (Original work published May 26, 2021)</p>	ISI
	<p>mousavi A, Yousefi M, Jamali J, Meraji M, Fazaeli S. Design and implementation of tools for rapid assessment of the status of documentation of emergency department' physicians. <i>JMIS</i> 2022; 7 (4) :52-61 URL: http://jmis.hums.ac.ir/article-1-342-en.html</p>	ISC
	<p>M. Meraji, S. Fazaeli and S. s. Mahmoodian. Quantitative Evaluation and Observance of Legal Components of Medical Records of Patients in Selected Hospitals in Mashhad in the First Quarter of 2018. <i>Navid No</i> 2021 Vol. 24 Issue 79 Pages 42-54. DOI: 10.22038/nmj.2021.56855.1277</p>	ISC
	<p>Jamal, H., Fazaeli, S., Ebnhosini, Z., Tabesh, H., Samadbeik, M., Mahmoudian, S. S., & Meraji, M. (2020). Evaluation criteria for health information systems using human, organization and technology-Fit (HOT-FIT) framework: Comprehensive review.</p>	ISC

	Meraji, M., Jamali, J., Yousefi, M., & Fazaeli, S. (2020). Comparative study of quantitative evaluation indicators of inpatient medical records: Presenting an evaluation tool. <i>Journal of Modern Medical Information Sciences</i> , 6(1), 44-56.	ISC
	Sanaifar, A., Fazaeli, S., & Meraji, M. (2019). Medical Systematized Nomenclature in Development Process of 11th Revision of International Classification of Diseases. <i>Health Information Management</i> , 16(1), 38-45.	ISC
	Barati, M., Meraji, M., & Fazaeli, S. (2020). Personalizing the Content of Health Information Technology Courses Using Data Mining Techniques. <i>Navid No</i> , 23(73), 78-88.	ISC
	sharifi, Y., Fazaeli, S., & Meraji, M. (2019). Role of RxNorm and NDF-RT Drug Terminologies in Health Information Systems. <i>Journal of Paramedical Sciences & Rehabilitation</i> , 8(2), 77-86	ISC
	Keyvanlo, Z., Fazayeli, S., Barghamadi, B., Sabzevari, N., & Neamatshahi, M. (2020). The study of the most important aspectsns of responsiveness from the point of view of referring to Sabzevar health centers. <i>jsums</i> .	ISC
	Meraji, M., Fazaeli, S., & Mahmoodian, S. S. (2021). Quantitative Evaluation and Observance of Legal Components of Medical Records of Patients in Selected Hospitals in Mashhad in the First Quarter of 2018. <i>Navid No</i> , 24(79), 42-54.	ISC
	Meraji, M., Fazaeli, S., Ebnehoseini, Z., & Bameri, H. (2022). Reporting Adverse Drug Reactions With Emphasis on the Designing National Minimum Data Set. <i>Journal of Modern Medical Information Sciences</i> , 8(1), 62-73.	ISC
	Meraji, M., Fazaeli, S., Farokhi, F., Forghani Azghandi, A., & Mahmoodian, S. S. (2022). Designing A Minimum Data Set for pregnancy condition. <i>Health Information Management</i> , 19(1), 1-8.	ISC

Oral presentations	Challenges of optimization in health systems, 14th International Conference of Iranian Operations Research Society, 2021- IRAN-MASHHAD
	'Survey of students' opinions regarding the level of compliance with ethical principles in the virtual education of professors', 23rd Iranian Conference on Health Professions Education, 2022- IRAN
	change management in hospital: A framework analysis, pHealth 2022, Oslo, Norway
	Dashboard design to manage the Covid 19 crisis in the hospital, Fourth Conference on Information Technology and Health Promotion with a focus on smart health, 2021- IRAN
	customer orientation in hospital: importance and level of related indices from the customers view, 2th International Conference on New Challenges in Management and Business. 2005-IRAN
	Create an online dashboard to control the nurse-to-patient ratio in clinical wards by the hospital nursing management, Third Conference on Information Technology and Health Promotion, 2020-IRAN
	Methodology of economic analysis of hospitals, Health system resources strengthening conference, 2021-IRAN

Course teaching (at Department of health information technology, paramedical school, mashhad university of medical sciences)	Masters and Bachelor	Health information technologies
		Health information management
		International classification of diseases ICD10- ICD19CM,...
		medical records department management
		Coding the medical records
		ICDL skills
		Principles of management

		Managing the improvement of the organization's performance
		Health information systems
		health insurance

No.	Title of thesis Supervisor or advisor in M.Sc Degree	Role	Start-End date
1	Survey Quality of Receiving Patient's Informed Consent in the Angiography Ward of Selective Educational Hospitals in Mashhad in 2019	Supervisor	2019-2020 Completed
2	A survey on the status of documented death certificates in selected surgical intensive care units of selected educational hospitals of Mashhad University of Medical Sciences	Supervisor	2018-2019 Completed
3	Design and validation of quantitative assessment tool for hospital medical records	Supervisor	2019-2020 Completed
4	Comparison of Nursing Documentation Status Before and After Feedback to Nurses in Emergency Department of Imam Reza Hospital in Mashhad	Supervisor	2020-2022 Completed
5	Development of eye specialized electronic summary sheet for inpatients in Khatamolanbia Specialty Hospital	Supervisor	2023- Running
6	Evaluation of the effect of educational international Perinatal mortality Classification system on coding quality Perinatal mortality	advisor	2020-2023 Completed
7	Design and implementation of an electronic pregnancy summary sheet in the referral system	advisor	2020-2021 Completed
8	Evaluation of predictive power of trauma mortality based on ISS and MGAP scoring indicators	advisor	2020-2021 Completed
9	Usability Evaluation and Assessing Features of National System for adverse drug reaction registry	advisor	2020-2021 Completed
10	Evaluation of the Persian Version of the MARS tool and Assessment of Applications Covid 19 IN IRAN	advisor	2020- Running
11	Investigating the challenges and strategies of implementing electronic prescription at Mashhad University of Medical Sciences	Supervisor	2020- Running
12	Identifying the factors affecting the success of e-learning and its evaluation from the viewpoints of students at Mashhad University of Medical Sciences	Supervisor	2021- Running
13	Designing an Evaluation Tool for Documenting in Emergency Department Physicians and Implementing it in the Emergency Department of Imam Reza Hospital	Supervisor	2020-2021 Completed
14	Assessment pharmacy information system using the HOT-fit model in selected hospitals affiliated to Mashhad University of Medical Sciences	advisor	2018-2020 Completed

	Title of Study (research project¹)	Role	Status
1	Study of students viewpoint of the School of Paramedical Sciences on Virtual Education during the Corona Crisis	PI	Completed 2021-2021
2	The view point of experiences of faculty members view of the School of Paramedical Sciences on Virtual Education during the Corona Crisis	PI	Completed 2021-2021
3	Determining the workload and number of required personnel in the admission unit and medical records of Imam Reza (AS) Hospital using work and time study systems	PI	Completed 2017-2018
4	Identification and classification of the reforms needed to improve the functioning of the hospital information system in imam raze hospital	PI	Completed 2015-2016
5	study of Occupational Stress of physicians in Care of Patients with Covid-19 in Imam Reza Hospital in Mashhad	Co-PI	Completed 2020-2021
6	Investigating the challenges and solutions for providing the required physician staff for patients during the epidemic period of Qovid 19 disease in Imam Reza (AS) Hospital in Mashhad	Co-PI	Completed 2021-2022
7	Study of the Challenges and Strategies of Crisis Management Used in the Epidemic Period of Covid 19 in Imam Reza Hospital in Mashhad in 2020	Co-PI	Completed 2020-2022
8	Comparison of Care Challenges for Patients with Acute Respiratory Problems (Covid-19 Disease) from the Viewpoints of Infectious ICU and Open Heart ICU Nurses in Imam Reza Hospital in Mashhad	PI	Completed 2020-2022
9	Identifying the Challenges of Caring for Patients with Acute Respiratory Problems (Covid-19 Disease) from the Nurses' Viewpoints Related and Unrelated to the Infectious Diseases at Imam Reza Hospital in Mashhad	PI	Completed 2020-2022
10	Study of Occupation status of paramedical faculty graduates of Mashhad University of medical sciences	PI	Completed 2019-2020
11	Evaluation of Nurses' Clinical Skills in the Face of Covid 19 Disease Prevention- march 2020	Co-PI	Completed 2020-2022
12	Assessment of Customer-Oriented Response Status from the Viewpoints of Patients with Symptoms of Covid-19 at Imam Reza Hospital in Mashhad	Co-PI	Completed 2020-2022
13	Study of Occupation status of Graduates of postgraduate studies in Mashhad University of Medical Sciences	Co-PI	Running 2020
14	Study of students Viewpoints to observe professional ethics among faculty members of Faculty of Paramedical Sciences of Mashhad University of Medical Sciences	PI	Completed 2018-2018
15	Designing an appropriate tool for assessing the job satisfaction of hospital staff	PI	Completed 2015-2015
16	Designing appropriate tools for measuring the responsibility of the health system in the field of hospital services	PI	Completed 2015-2015

¹ In many cases, these projects were done on a custom basis and were not given permission to publish in the form of articles.

	Title of Study (research project¹)	Role	Status
1 7	The main reasons for selecting public or private hospitals among households in Mashhad selected districts: 2012	PI	Completed 2012-2013
1 8	Survey of Household Exposure to Catastrophic Health Expenditures and determinants in Khorasan Razavi province in 2011	Co- PI	Completed 2011-2012
1 9	Survey of Health System Responsiveness to people's non-medical expectations and determinants in Mashhad in 2012	PI	Completed 2012-2013
2 0	Comparing value system between students of first and last terms in Mashhad paramedical school based on the Schwartz and Alport value structure theories in 2011	PI	Completed 2011-2012
2 1	Evaluating the observance of ethical codes of virtual education in Mashhad Paramedical School of Medical Sciences	PI	Completed 2021-2022

Distinctions	Top scorer (First place) in Konkur (the university entrance exam for MS IN health economics in Iran)
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Experience as a reviewer in Journals	The Eastern Mediterranean Health Journal (EMHJ)
	Applied Clinical Informatics
	The Iranian Red Crescent Medical Journal (IRCMJ)

Additional training	Research fellowship at Mashhad University of Medical Sciences
	Work with software: Microsoft Office, SPSS Smart PLS, Tree Age, STATA
	Time study AND work measurement

Highlights	Exceptional interpersonal skills
	Good performance in team work
	Highly responsible
	Great interest in learning and discipleship
	Strong interest in research activities
	Regular and committed to doing assigned tasks