

Curriculum Vitae

1. General Information

Surname: Ahmadian

Forename: Leila

Title: PhD, Associate Professor

Gender: Female

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2. Educations and Trainings

- 2.1. 2006-2011 PhD in “Medical Informatics”, University of Amsterdam, Amsterdam, the Netherlands
Project: Data interchange standards in health care: Semantic interoperability in preoperative assessment.
- 2.2. 1999-2002 MSc in “Medical Records Education”, Iran University of Medical Sciences, Tehran, Iran with an outstanding score (17.91 out of 20)
Thesis: A study on neurologists' and coders' perceptions on ICD-10 and ICD-NA Classification
- 2.3. 1997-1999 BSc in Medical Records, Shiraz University of Medical Sciences, Shiraz, Iran with an outstanding score (17.79 out of 20)
- 2.4. 1993-1995 Associate degree in Medical Records, Isfahan University of Medical Sciences, Isfahan, Iran with an outstanding score (17.75 out of 20)

3. Administrative positions and work experiences

- 3.1. 2015-() Editorial board, International Journal of Health Studies, SHMU, Shahroud, Iran
- 3.2. 2012-() Head of Health Information Sciences department, Kerman University of Medical sciences (KUMS), Kerman, Iran
- 3.3. 2015-() Associate professor, Faculty of Management and Health Information Sciences, KUMS, Kerman, Iran
- 3.4. 2011-2015 Assistant professor, Faculty of Management and Health Information Sciences, KUMS, Kerman, Iran
- 3.5. 2013-() Editorial Board, Journal of Health and Biomedical Informatics, KUMS, Kerman, Iran
- 3.6. 2012-() Editorial board, Journal of Management and Medical Informatics School, KUMS, Kerman, Iran
- 3.7. 2006-2011 Researcher in the Department of Medical Informatics, AMC, University Amsterdam
- 3.8. 2003-2006 Faculty member, Faculty of Management and Health Information Sciences, KUMS, Kerman, Iran
- 3.9. 2000-2003 Administrator, Medical records department, Mohammad Rasool Allah hospital, Mobarakeh, Iran
- 3.10. 1999-2000 Researcher, Cardiovascular research center, Isfahan University of Medical Sciences, Isfahan, Iran
- 3.11. 1995-1996 Educational technician, Educational assistance, Isfahan University of Medical Sciences, Isfahan, Iran

4. Publications

4.1. Scientific journals

- 4.1.1. Rostami M, Ahmadian L, Jahani Y, Niknafs A. The effect of patient satisfaction with academic hospitals on their loyalty. *Int J Health Plann Manage.* 2019;34(1):e726-e735.
- 4.1.2. Van de Velde S, Kunnamo I, Roshanov P, Kortteisto T, Aertgeerts B, Vandvik PO,

- Flottorp S; GUIDES expert panel (Ahmadian L). The GUIDES checklist: development of a tool to improve the successful use of guideline-based computerised clinical decision support. *Implement Sci.* 2018 Jun 25;13(1):86.
- 4.1.3.** Atashi A, Ahmadian L, Rahmatinezhad Z, Miri M, Nazari N, Eslami S. Development of a National Core Dataset for the Iranian ICU Patients Outcome Prediction; a Comprehensive Approach. *Journal of Innovation in Health Informatics*, 2018.
- 4.1.4.** Eslami M, Ahmadian L. Evaluating satisfaction of patients with stutter regarding the tele-speech therapy method and infrastructure. *International Journal of Medical Informatics*. 2018.
- 4.1.5.** Abbasi M, Ahmadian L, Amirian M, Tabesh H, Eslami S. The Development of a Minimum Data Set for an Infertility Registry. *Perspect Health Inf Manag.* 2018
- 4.1.6.** Sabahi A, Ahmadian L, Mirzaee M. Communicating laboratory results through a Web site: Patients' priorities and viewpoints. *Journal of Clinical Laboratory Analysis*. 2018 Feb 28.
- 4.1.7.** Kamali S, Ahmadian L, Khajouei R, Bahaadinbeigy R. Health information needs of pregnant women: information sources, motives and barriers. *Health Information & Libraries Journal*. 2018 Mar;35(1):24-37.
- 4.1.8.** Ahmadian L, Salehi F, Abedinzadeh A, Khatibi F. Usability evaluation of a radiology information system. *Journal of Health Administration*, 2017, 20 (69). [Persian]
- 4.1.9.** Ahmadian L, Dorosti N, Khajouei R, Gohari SH. Challenges of using Hospital Information Systems by nurses: comparing academic and non-academic hospitals. *Electronic Physician*, 2017 Jun 25;9(6):4625-4630.
- 4.1.10.** Ansari R, Ahmadian L, Bazarghan Harandi N, Mirzai M. Determining the Content of a Pediatric Asthma Website from Parents' Perspective: The Internet Use and Information Needs. *International journal of Pediatrics*, 2017; 5(6)5113-23.
- 4.1.11.** Salehi F, Ahmadian L. The application of geographic information systems (GIS) in identifying the priority areas for maternal care and services. *BMC Health Services Research* (2017) 17:482.
- 4.1.12.** Sabahi A, Ahmadian L, Salehi F, Mirzaee SM. Epidemiological review of gastric cancer in educational hospitals of Birjand University of Medical Sciences (2006-2011). *Int J Epidemiol Res.* 2017; 4(2): 156-165.
- 4.1.13.** Sabahi A., Ahmadian L., Salehi F., Mirzaee SM. Epidemiological study of colon cancer in educational hospitals of Birjand University of Medical Sciences (2006-2011). *Int J Epidemiol Res.* 2017; 4(1): 61-68.
- 4.1.14.** Salehi F, Ahmadian L, Sabahi A. Application of Geographic Information System in Health: A Systematic Review in Iran. *Hakim Health System Research* 2016; 19(3): 141- 151. [Persian]
- 4.1.15.** Farokhzadian J, Ahmadian L, Khajouei R, Mangolian Shahrabaki P, Information Literacy and Training Needs of Nursing Managers for Evidence-Based Practice, *Iran Journal of Nursing*, 2016; 29(101): 43-56. [Persian]

- 4.1.16.** Ahmadian L, Moradi F, kamali S. Comparison of medical records and health information technology students' satisfaction from their educational field at Kerman University of Medical Sciences. *Educ Strategy Med Sci*. 2016; 9 (2) [Persian]
- 4.1.17.** Ahmadian L, Hajesmaeel-Ghohari 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 Inf Manage*. 2016; 13(2):71-7 [Persian]
- 4.1.18.** Sabahi A, Ahmadian L, Mirzaee M, Khajouei R. A Study on patients preferences for receiving the laboratory test results. *American Journal of Managed Care*, 2017;23(4):e113-e119
- 4.1.19.** Salehi F, Ahmadian L, Ansari R, Sabahi A. The role of information resources used by diabetic patients on the management of their disease. *Medical Journal of Mashhad University of Medical Sciences*. 2016; 59 (1): 17-29. [Persian]
- 4.1.20.** Rezaei Ardalani A, Ahmadian L, Kimiyafar K, Rohani F, Zahra Ebnehoseini Z. Comparative study of data elements in psychiatry history and assessment forms in United States, Australia, France and Iran. *Journal of Health and Biomedical Informatics*. 2016; 2(4): [Persian]
- 4.1.21.** Ansari R, Ahmadian L, Sabahi A, Salehi F. A Study on Information Seeking Methods of Dialysis Patients in Kerman in 2015: A Short Report. *J Rafsanjan Univ Med Sci*. 2016; 15(2): 185-92. [Persian]
- 4.1.22.** Ahmadian L, Mirmohamadi M. A Survey on the Compatibility of the Hospital Information Systems' Content with the Guideline of Minimum Data Set . *Journal of Health and Biomedical Informatics*. 2016; 2 (4) :204-210. [Persian]
- 4.1.23.** Afzali F, Heidari Z, Montazeri M, Ahmadian L, Zahedi MJ. Futures Studies in Health: Choosing the Best Intelligent Data Mining Model to Predict and Diagnose liver Cancer in Early Stage. *Journal of Health and Biomedical Informatics* 2015; 2(3): 133-140. [Persian]
- 4.1.24.** Farokhzadian J, Khajouei R, Ahmadian L. Evaluating factors associated with implementing evidence-based practice in nursing. *J Eval Clin Pract*. 2015 Dec;21(6):1107-13.
- 4.1.25.** Hajesmaeel-Gohari S, Bahaadinbeigy K, Ahmadian L, Khajouei R, Pournik O. Published papers on telepathology projects. *J Health Man & Info*. 2015;2(4):108-119.
- 4.1.26.** Mirmohamadi M, Ahmadian L ,Khorasanizadeh A , Lngarizadeh A, Mohamadi B, Mirzaeian R. Expense analysis of cancelled elective surgical operations based on expense analysis method in Kerman Shafa hospital in 2012. *Scientific Journal of Ilam University of Medical Sciences*. 2015; 23 (3) :36-43 [Persian]
- 4.1.27.** Ahmadian L, Mirmohammadi M, Ghasemi S. Developing information content for the documentation of surgery cancellation reasons in Hospital Information System. *Journal of Health and Biomedical Informatics* 2014; 1(1): 45-53 [Persian]
- 4.1.28.** Karim H, Babaie M, Ahmadian L. A Systematic Review and the Overview of NDF-RT, a Drug Terminological System. *Journal of Health and Biomedical Informatics* 2015; 2(1): 42-47. [Persian]
- 4.1.29.** Farokhzadian J, Khajouei R, Ahmadian L. Information seeking and retrieval skills of nurses: Nurses readiness for evidence based practice in hospitals of a medical university in Iran. *Int J Med Inform*. 2015 Aug;84(8):570-7.
- 4.1.30.** Ahmadian L, Salehi Nejad S, Khajouei R, Evaluation methods used on health information systems (HISs) in Iran and the effects of HISs on Iranian healthcare: a systematic review. *Int J Med Inform*. 2015 Jun;84(6):444-53.

- 4.1.31. Ahmadian L, Khajouei R, Salehi Nejad S, Ebrahimzadeh M, Nikkar SE. Prioritizing barriers to successful implementation of hospital information systems. *J Med Syst*. 2014 Dec;38(12):151.
- 4.1.32. Abedi S, Khajouei R, Ahmadian L, Kaveh S. Information content of the websites of Health Information Management and Technology, and Medical Records departments in Iranian medical universities. *Health Inf Manage*, 1393; 11(4): 392-399. [Persian]
- 4.1.33. Salehi Nejad S, Ahmadian L, Khajouei R. Effects of Health Information Systems in Iran: a Systematic Review. *Health Inf Manage* 2014; 11(2): 270-284. [Persian]
- 4.1.34. Ahmadian L, Ghasemi E, Khajouei R. Evaluating the Process of Requesting and Collecting Laboratory Test Results from Nurses' Viewpoints before and after HIS Implementation. *Hakim Health Sys Res* 2014; 17(4):15- 21. [Persian]
- 4.1.35. Khajouei R, Salehi nejad S, Ahmadian L. Methods Used for Evaluation of Health information Systems in Iran. *JHA*. 2013; 16 (53) :7-21. [Persian]
- 4.1.36. Agharezaei Zh, Khajouei R, Ahmadian L, Agharezaei L. Usability Evaluation of a Laboratory Information System. *Health Inf Manage* 2013; 10(2): 213-24. [Persian]
- 4.1.37. Ahmadian L, Khajouei R, Impact of computerized order sets on practitioner performance. *Stud Health Technol Inform*. 2012;180:1129-31.
- 4.1.38. Ahmadian L, Cornet R, van Klei WA, de Keizer NF. Data collection variation in preoperative assessment: a literature review. *Comput Inform Nurs*. 2011Nov;29(11):662-70.
- 4.1.39. Ahmadian l, van Engen-Verheul M, Bakhshi-Raiez F, Peek N, Cornet R, de Keizer NF. The Role of Standardized Data and Terminological Systems in Computerized Clinical Decision Support Systems: Literature Review and Survey. *International Int J Med Inform*. 2011 Feb;80(2):81-93.
- 4.1.40. Khajouei R, Ahmadian L, Jaspers MW. Methodological concerns in usability evaluation of software prototypes. *J Biomed Inform*. 2011 Aug;44(4):700-1.
- 4.1.41. Ahmadian L, Cornet R, de Keizer NF. Facilitating pre-operative assessment guidelines representation using SNOMED CT. *J Biomed Inform*. 2010 Dec;43(6):883-90.
- 4.1.42. Bakhshi-Raiez F, Ahmadian L, Cornet R, de Jonge E, de Keizer NF. Construction of an interface terminology on SNOMED CT. Generic approach and its application in intensive care. *Methods Inf Med*. 2010;49(4):349-59.
- 4.1.43. Ahmadian L, Cornet R, Kalkman C, de Keizer NF; NVA Working Group " Minimal Dataset for Preoperative Assessment". Development of a national core dataset for preoperative assessment. *Methods Inf Med*. 2009;48(2):155-61.
- 4.1.44. Ahmadian L, De Keizer NF, Cornet R. The use of SNOMED CT for representing concepts used in preoperative guidelines. *Stud Health Technol Inform*. 2009;150:658-62.
- 4.1.45. Ahmadian L, Cornet R, van Klei WA, de Keizer NF. Diversity in preoperative-assessment data collection, a literature review. *Stud Health Technol Inform*. 2008;136:127-32.
- 4.1.46. Ahmadian L., Khajouei R. Deficiency in Information system an obstacle for strategy of FOCUS-PDCA (Persian language). *Journal of Management and Medical Information sciences*, 2004; 7(16): 65-73. [Persian]

4.2. Conference proceedings

- 4.2.1. Jannati N, Mohammadi P, Hejri G, Ahmadian L. Assessment of mothers' knowledge regarding infant health and its acquisition methods. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , 18-19 July 2018. [Persian]

- 4.2.2.** Abbasi F, Dinari F, Ahmadian L. Assessment the need of patients with chronic diseases regarding their disease management using social networks. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , 18-19 July 2018. [Persian]
- 4.2.3.** Ahmadian L, Nazari P, Mallah Nokandeh F. Assessment of the blockchain technology in healthcare. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , 18-19 July 2018. [Persian]
- 4.2.4.** Raeisi A, Ahmadian L, Abbasi R, Jamali F. Assessment of the information quality of Alzheimer mobile applications. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , July 2018. [Persian]
- 4.2.5.** Raeisi A, Ahmadian L, Ghohari Nezhad S. Evaluation of the quality of Persian websites related to diabetes. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , 18-19 July 2018. [Persian]
- 4.2.6.** Montazeri M, Ahmadian L, Dinari F. Assessing the necessity of data items of pre-hospital emergency information system from the perspective of users. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , 18-19 July 2018. [Persian]
- 4.2.7.** Jamali F, Ahmadian L, Abbasi R, Raeisi A. Ranking the cancer mobile applications. The second National Congress of Medical Informatics and the seventh Iranian conference on e-Health, Theran, Iran , 18-19 July 2018. [Persian]
- 4.2.8.** Jannati N, Zahiri M, Sohrabi Pour A, Ahmadian L. Evaluating the content and functionalities of multiple sclerosis mobile applications. The Sixth National Conference on Promotion of Health Information Management with a Focus on the Development of Hospital Information Systems: Advances and Opportunities, Ahwaz, Iran, 21-22 February 2018. [Persian]
- 4.2.9.** Raeisi A, Ghohari Nezhad S, Ahmadian L, Abbasi R. Assessment of the information sources used in the development of pharmacology mobile applications. The Sixth National Conference on Promotion of Health Information Management with a Focus on the Development of Hospital Information Systems: Advances and Opportunities, Ahwaz, Iran, 21-22 February 2018. [Persian]
- 4.2.10.** Jannati N, Ahmadian L, Mazhari Sh. Comparison of psychiatrists and mothers' viewpoints regarding the educational content for developing an applied-educational mobile application for post-partum depression. Ninth conference of E-learning in Medical Education, Mashhad, Iran, 9-10 February 2018. [Persian]
- 4.2.11.** Ahmadian L, Jannati N. Evaluation of the information content and ranking depression mobile applications. Ninth conference of E-learning in Medical Education, Mashhad, Iran, 9-10 February 2018. [Persian]
- 4.2.12.** Nazari P, Khajouei R, Mallah N, Ahmadian L, Jandagi M.B. Assessing the challenges of using the Internet of things for facilitating the transportation of emergency vehicles. The Fourth International Congress on Technology, Communication and Knowledge, Mashhad, Iran, January 24-25 2018. [Persian]
- 4.2.13.** Ahmadian L., Jannati N. Content and performance evaluation of mobile applications on chronic kidney disease. Second International Congress on mHealth, Shiraz, Iran, 22-23 Feb 2017. [Persian]
- 4.2.14.** Abbasi R., Ahmadian L., Jannati N., Baloochi M., Zahiri Esfahani M. Readiness of patients with Multiple Sclerosis to use mobile health technology. Second International Congress on mHealth, Shiraz, Iran, 22-23 Feb 2017. [Persian]

- 4.2.15.** Abbasi R., Ahmadian L., Zahiri Esfahani M., Khajouei R. Evaluation of information confidentiality in computerize systems desktop in Shahid Beheshti's Hospital. 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017. [Persian]
- 4.2.16.** Ahmadian L., Abbasi R., Zahiri Esfahani M. Investigation and comparison of medical error registration systems of hospitals in Iran. 1st International Congress of Diseases and Health Outcome Registry, Mashhad, Iran, 13-15 Feb 2017. [Persian]
- 4.2.17.** Zahiri Esfahani M., Abbasi R., Ahmadian L., Khajouei R. Evaluation of physicians satisfaction with Picture Archiving and Communication System (PACS). 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017. [Persian]
- 4.2.18.** Nazari E., Hoseini N., Ahmadian L. Data interoperability between electronic health records and registries. 1st International Congress of Diseases and Health Outcome Registry, Mashhad, Iran, 13-15 Feb 2017. [Persian]
- 4.2.19.** Ahmadian L., Nazari M., Naseri A., Khajouei R. Development of the minimum data set of information system for management of operating room. 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017. [Persian]
- 4.2.20.** Jannati N., Raeesi A., Ahmadian L., Bahaadinbeigy K. The acceptance of clinical decision support systems for pathology. 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017. [Persian]
- 4.2.21.** Ahmadian L., Parsa S., Jafari H. Designing and implementing a registry for high-risk pregnant women in Rafsanjan. 1st International Congress of Diseases and Health Outcome Registry, Mashhad, Iran, 13-15 Feb 2017. [Persian]
- 4.2.22.** Ahmadian L., Shafiee E., Keshvardoost S. Seeking Health Information on the Internet by University Students. 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017. [Persian]
- 4.2.23.** Sabahi A., Ahmadian L., Sending laboratory results via hospital website: patients' viewpoints and priorities. 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017.
- 4.2.24.** Ahmadian L., Pourshahrokhi N., Khajouei R., Patients preferences to receive postpartum advices. 1st National Congress of Medical Informatics, Mashhad, Iran, 16-17 Feb 2017. [Persian]
- 4.2.25.** Zahiri Esfahani M, Ahmadian L, Abbasi R .A study on diabetic patients' readiness to use mobile health technology. First National Congress of Health Information Technology and Management, Tabriz, Iran, 21-22 Sep 2016. [Persian]
- 4.2.26.** Zahiri Esfahani M, Ahmadian L, Movahedi E, Abbasi R . A study on the viewpoints of authorities in Kerman University of Medical Sciences concerning utilization of information technology to reduce health inequities. First National Congress of Health Information Technology and Management, Tabriz, Iran, 21-22 Sep 2016. [Persian]
- 4.2.27.** Farokhzadian J, Khajouei R, Ahmadian L, Mohammadalizadeh F. Training needs of nurse leaders and nurses for implementing evidence-based practice. The 1st International Student Congress on Research Integrity & Evidence Based Practice. Dec 2015, Kish, Iran
- 4.2.28.** Farokhzadian J, Khajouei R, Ahmadian L. Evaluation of factors influencing the implementation of evidence-based practice by nurses. The 1st International Student Congress on Research Integrity & Evidence Based Practice. Dec 2015, Kish, Iran
- 4.2.29.** Farokhzadian J, Khajouei R, Ahmadian L. Information seeking skills and need training of nurse leaders for implementing evidence-based practice. The 1st International Student Congress on Research Integrity & Evidence Based Practice. Dec 2015, Kish, Iran
- 4.2.30.** Farokhzadian J, Khajouei R, Ahmadian L, Mangelian Shahrabaki P. Gap in nurses' Knowledge for applying evidence-based practice. The Congress of Nursing and Midwifery

Education: Theory to practice: Improve the Quality of Clinical Education; 2015; Tehran, Iran [Persian]

- 4.2.31. Salehi F, Ahmadian L, Ansari R, Sabahi A, A Study on knowledge acquisition by diabetics patient. 2015, Kerman, Iran [Persian]
- 4.2.32. Sabahi A, Ahmadian L, Salehi F, Ansari R. A Study of Heart Patients Perspective on Health Knowledge Promotion and its Role in the Treatment Process. 2015, Kerman, Iran [Persian]
- 4.2.33. Ansari R, Ahmadian L, Sabahi A, Salehi F. A Study on Improving Health Literacy Methods in Dialysis Patients. 2015, Kerman, Iran [Persian]
- 4.2.34. Golabpour A, Sheibani R, Kiani B, Ahmadian L. Presenting a new parallel algorithm for matrix multiplication problem in medical image. "2nd National Conference on Computer Science". Sanandaj, Iran; 2013. [Persian]
- 4.2.35. Sheibani R, Golabpour A, Kiani B, Ganjali R, Ahmadian L. Providing a new dynamic algorithm for medical image matrix multiplication based on windograd. "2nd National Conference on Computer Science". Sanandaj, Iran; 2013. [Persian]
- 4.2.36. Ahmadian L., Khajouei R. Organizing Data Collection in Health Records. 20th European Conference on Operational Research OR and the Management of Electronic Services; 2004; Rhodes, Greece.
- 4.2.37. Ahmadian L., Khajouei R. Deficiency in Information System, an Obstacle for Strategy of the Total Quality Management (TQM). 20th European Conference on Operational Research OR and the Management of Electronic Services; 2004; Rhodes, Greece.
- 4.2.38. Khajouei R., Ahmadian L. A study on neurologists' and coders' viewpoint about the ICD-10 and ICD-NA Classification in 2003. 20th European Conference on Operational Research OR and the Management of Electronic Services; 2004; Rhodes, Greece.
- 4.2.39. Khajouei R., Ahmadian L. Applying Computer-based Patient Records (CPR) in the Health Information Management. 20th European Conference on Operational Research OR and the Management of Electronic Services; 2004; Rhodes, Greece.
- 4.2.40. Ahmadian L. Evaluation of Health Information system. 4th Seminar of Iranian Medical Records System; 2003;Tehran, Iran [Persian]
- 4.2.41. Ahmadian L. Information Technology in Health Care Systems. 1st National Conference on Resource Management in Hospital; 2002; Tehran, Iran. Ministry of Health and Medical Education [Persian]
- 4.2.42. Ahmadian L. A Study on Patient Admission Process. 2nd Conference on Quality Improvement in Health Care Services; 2001; Tabriz, Iran, Tabriz University of Medical Sciences [Persian]

5. International project

- 5.1.1. The GUIDES checklist: development of a tool to improve the successful use of guideline-based computerised clinical decision support. (<https://www.guidesproject.org/>)

