

**In the Name of God**

**Curriculum Vitae**

**Date:** 2021



**Personal History**

**Name (First Name/Surname, Last name/Forename):** *Hamid Moghaddasi*  
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## Educational History

### a). Education (Academic Preparation)

Major	Minor	Degree	University	City	Country	Year
<i>Health Information Management</i>	<i>Data Quality</i>	<i>Ph.D.</i>	<i>IRAN Medical Sciences</i>	<i>Tehran</i>	<i>IRAN</i>	<i>2003</i>
<i>Medical Informatics</i>	<i>EHR</i>	<i>Post Doc.</i>	<i>Monash</i>	<i>Melbourne</i>	<i>Australia</i>	<i>2006</i>

### b. Theses

Title of Thesis	Degree	Year	Supervisor(s)
<i>A Comparative Study on the Mechanisms of Healthcare Information Quality Control for Inpatient in USA &amp; UK : Presenting a Proper Model for IRAN.</i>	<i>Ph. D.</i>	<i>2003</i>	<i>Tabibi</i>
<i>Portable problem oriented Electronic Health Record (PPOEHR)</i>	<i>Post Doc</i>	<i>2006</i>	<i>Lee Seldon</i>

## Professional History

### a. Teaching History

Title of Lesson	*Level	Discipline	Clock Hours	Year	School
Introduction to Computer	B.S , M.S	Medical Sciences		1990-2011	Azad , Tehran & Beheshti Uni.
Information Technology in health	Ph.D	Medical Sciences		2008-2015	Beheshti & Baghiatalah Uni.
Research Science	B.S , M.S, Ph.D	Medical Sciences		2006-2015	Beheshti Uni.
Health Care Standards	Ph.D	Health Information Management		2008-2015	Beheshti & Tehran Uni.
Health Information System: Management and standards	M.S Ph.D	Health Information Management, Medical Informatics		2008-2015	Beheshti & Tehran Uni.
Designing and evaluation of Health Information System	M.S Ph.D	Medical Informatics		2010-2015	Beheshti Uni.
Evaluation of Health care	M.S	Health Information Technology		2006-2015	Beheshti Uni.
Health Insurance and Payment system	B.S	Health Information Technology		2006-2015	Beheshti Uni.
Management	B.S , M.S	Health Information Technology		2006-2015	Beheshti Uni.
Medical Terminology	B.S	Medical Sciences		1995-2015	Beheshti Uni.
Information Seeking in Health Resources	M.S, Ph.D	Medical Sciences		2006-2015	Beheshti Uni.
EHR and HIS standards	M.S, Ph.D	Medical Informatics		2010-2015	Beheshti Uni.
Health Informatics	M.S, Ph.D	Medical Informatics		2011-2015	Beheshti Uni.
Quality in health care	B.S , M.S	Health Information Technology		2012-2015	Beheshti Uni.
Project management	Ph.D	Health information management & Medical informatics		2013-2015	Beheshti Uni.

### b. Professional Service

Type of Service	Place	Year
Work experiences at Computer Department	IRAN University of Medical Sciences	1988-1994
Work experiences at Computer Department	AZAD University of Medical Sciences	1994-1997
Member of Medical Informatics council in Beheshti Uni.	Beheshti University of Medical Sciences	2003

### c. Academic Administrative Appointments

Position	Duties	Institution/ Location	Year	
Head of Health Information Technology and Management Department	Managing of Department with B.S, M.S and Ph.D students	Paramedical Faculty	1995	2017
Head of Medical Informatics Department	Managing of Department with M.S and Ph.D. students	Paramedical Faculty	2009	2017
Head of Examination and Assessment Board for Health Information Management Discipline	Examination and Assessment	Ministry of Health and Education	2008	2014
Head of Planning and Assessment Committee for Medical Informatics Discipline	Planning and Assessment	Ministry of Health and Education	2008	2014
Head of Post Graduate students office	Managing of M.S and Ph.D students education affairs	Paramedical Faculty	2008	2009
Vice president of faculty's Dean	Administration of educational and research affairs	Paramedical Faculty	2010	2014

#### d. Executive Positions and Appointments (Administrative)

Job Title	Duties and Responsibilities	Site of Activity	Year	
			From	To
Manager of Computer department	Managing	Computer department	1994	1997
Member of Medical Informatics council in Beheshti Uni.	Counselling and Decision Making	Beheshti University of Medical Sciences	2003	2003

#### Honors and awards

Award	Place	Awarding body	Year
Selected as a best faculty member	Beheshti University	Dean of University	2005
Selected as a best faculty member	Beheshti University	Dean of University	2007
Selected as a best faculty member	Beheshti University	Dean of University	2009
Selected as a best faculty member	Beheshti University	Dean of University	2013

#### Membership in Professional Associations and Societies (Professional Memberships)

Name of Association	Site of Association	Year
Founder and Head of Iranian Association of Medical Informatics	Ministry of Health and Education	2013 up to now
Iranian Society of Medical Proteomics	Beheshti Paramedical Faculty	2008 up to now
Member of Converging Subgroup of Academy of Medical Sciences	Academy of Medical Sciences	2017 up to now
Member of Paramedical, and also Medical Basic Sciences groups of Academy of Medical Sciences	Academy of Medical Sciences	2019 up to now
Member of Paramedical, and also Medical Basic Sciences groups of Academy of Medical Sciences	Academy of Medical Sciences	2020 up to now

## Publications:

### Books:

1. Moghaddasi, Hamid. *A Series of Articles on Health Information Systems and Health Informatics*. Tehran: Vajeh-pardaz, 3<sup>rd</sup> print 2020.
2. Moghaddasi, Hamid. *Medical Data Processing*. Tehran: Vajeh-pardaz, 3<sup>rd</sup> print 2016.
3. Moghaddasi, Hamid. *Information Quality in Health Care*. Tehran: Vajeh-pardaz, 3<sup>rd</sup> print 2016.
4. Moghaddasi, Hamid. *Applications of Hospital Statistics for Managers*. Tehran: Vajeh-pardaz, 2004.
5. Moghaddasi, Hamid. *Medical Terminology (Latin; Greek; English to Persian)*. Tehran: 7<sup>th</sup> Print, Vajeh-pardaz, 2010.
6. Moghaddasi, Hamid. *Introduction to Computer and Understanding Concept of Software*. Tehran: Vajeh-pardaz, 1998.
7. Parry, Glenys. *Coping with Crisis*. translated by: Hamid Moghaddasi. Tehran: Vajeh-pardaz, 1990.
8. Moghaddasi, Hamid. *Physician may also be Patient*. Tehran: Boshra, 1990.
9. Moghaddasi, Hamid. *Epilepsy; a Sacred Disease!* Tehran: Boshra, 1990.
10. Moghaddasi, Hamid. *Medical Records*. Tehran: Jahad Daneshgahi of Iran University of Medical Sciences, 1988.

### Articles:

- Moghaddasi H (2021) *The Role of Systems Biology and Synthetic Biology in Appearing and Managing COVID-19*. J Cell Mol Anesth. 2021;6(1):66-74.
- Moghaddasi H (2020) *Developing A General Framework for National Health Information Network for Developing Countries*. Galen Medical Journal.
- Moghaddasi H (2020) *Design and Evaluation of a Mobile Application for Relapse Prevention to Methamphetamine Use Disorder*. Int J High Risk Bahav Addict, 2020 March; 9(1): e100340.
- Moghaddasi H (2019) *The Effect of Information Technology on the Information Exchange between Laboratories and Ambulatory Care Centers: A Systematic Review*. Laboratory Medicine 51(1).
- Moghaddasi H (2019) *Features of Nursing Management Information Systems: A Systematic Review*. Biomed J Sci & Tech Res 21(2)-2019. BJSTR. MS.ID.003582.
- Moghaddasi H (2019) *The role of World Health Organization and Information Technology in improving patient safety through reducing medical errors*. Arc.h Community Med Public Health 5(2): 049-051. DOI: <http://dx.doi.org/10.17352/2455-5479.00005>
- Moghaddasi H (2019) *Characteristics of software used in self-management of Vitamin K antagonist therapy: A systematic review* April 2019 European Journal of Cardiovascular Nursing DOI: 10.1177/147451511984373

- Moghaddasi H (2019) ***Bioterrorism Information System as the Most Effective Tool in Management of Bioterrorism***. Biomed J Sci & Tech Res 16(4)-2019. BJSTR. MS.ID.002887.
  
- Moghaddasi H (2019) ***The Results of Using Electronic Health Software for Self-Management of Vitamin K Antagonist Therapy: A Systematic Review*** March 2019 DOI: 10.26717/BJSTR.2019.15.002726
  
- Moghaddasi H (2019) ***The Importance of Nutrition Information System for Improving Patient Care***. Acta Scientific Nutritional Health 3.4 (2019): 26-27.
  
- Moghaddasi H (2019) ***Improving the Quality of Electronic Cleansing of Colorectal CT Images Using a Hybrid Method***. *Journal of Biomedical Engineering and Medical Imaging*, Volume 6, No 1, February (2019), pp 9-19.
  
- Moghaddasi H (2019) ***Globally Improving the Quality of Care: The Role of WHO in Controlling Doctor Dominance in the World***. JOJ Nurse Health Care. 2019; 10(1): 555779. DOI: 10.19080/JOJNHC.2019.10.555779.
  
- Moghaddasi H (2019) Moghaddasi (2018) ***Features of Bioterrorism Information System***. J Bioterror Biodef 9: 162. doi: 10.4172/2157-2526.1000162.
  
- Moghaddasi H (2019) ***Development of a Catheterization and Percutaneous Coronary Intervention Registry with a Data Management Approach: A Systematic Review*** January 2019 Perspectives in health information management / AHIMA, American Health Information Management Association.
  
- Moghaddasi H (2018) ***Developing a Dashboard Software for the ICUs and Studying Its Impact on Reducing the Ventilator-Associated Pneumonia***. The Open Medical Informatics Journal, 2018, Volume 12.
  
- Moghaddasi H (2018) ***Features of Intellectual Disability Information System: A Comparative Study***. J Clin Rev Case Rep, 2018 Volume 3 | Issue 8 | 1 of 8
  
- Moghaddasi H (2018) ***Effects of Chemotherapy Prescription Clinical Decision-Support Systems on the Chemotherapy Process: A Systematic Review***. International Journal of Medical Informatics DOI: 10.1016/j.ijmedinf.2018.11.004.
  
- Moghaddasi H (2018) ***Developing a Dashboard Software for the ICUs and Studying its Impact on Reducing the Ventilator-Associated Pneumonia***. October 2018 The Open Medical Informatics Journal 12(1):42-50 DOI: 10.2174/1874431101812010042.
  
- Moghaddasi H (2018) ***Difficulties of Diagnosing Alzheimer's Disease: The Application of Clinical Decision Support Systems***. Journal of Paramedical Sciences (JPS) Autumn 2018 Vol 9, No4. ISSN 2008-4978

- Moghaddasi H (2018) . *Specifications of Computerized Provider Order Entry and Clinical Decision Support Systems for Cancer Patients Undergoing Chemotherapy: A Systematic Review*. Chemotherapy 2018; 63:162–171.
- Moghaddasi H (2017) Editorial *Statement: Quality of Nursing Care and Patient Satisfaction in Conditions of Resource and Labour Shortage by Applying Nursing Management Information System*. JOJ Nurse Health Care 5(3): JOJNHC.MS.ID.555663 (2017).
- Moghaddasi, H (2017) *Editorial Statement: The Influence of Informatics on Nursing Care and Professional Development*. JOJ Nurse Health Care 4(3): JOJNHC.MS.ID.555639 (2017).
- Moghaddasi, H & et al (2017) Verbal *Orders in Medicine: Challenges; Problems and Solutions*. JOJ Nurse Health Care 1(5): JOJNHC.MS.ID.555575 (2017).
- Moghaddasi, H & et al. *Insulin Therapy Decision Support System: A Study of its Evolutionary Path*. J Health Inform Manag 2017, 1:1.
- Moghaddasi, Hamid & et al. *eHEALTH EQUITY: CURRENT PERSPECTIVES*. J Int Soc Telemed eHealth 2017;5: e9.
- Moghaddasi, Hamid & et al. *Comparing the Efficiency of Artificial Neural Network and Gene Expression Programming in Predicting Coronary Artery Disease*. J Health Med Informat 2017, 8:1 doi: 10.4172/2157-7420.1000250.
- Moghaddasi, Hamid & et al. *National Transplant Network Information System of US and England*. J Transplant Technol Res 7: 173. doi:10.4172/2161-0991.1000173.
- Moghaddasi, Hamid & et al. *Evaluation of Nursing Information Systems: Application of Usability Aspects in the Development of Systems*. Health Informatics research (HIR) Journal. Vol. 23, No. 2, April 2017.
- Moghaddasi, Hamid & et al. *Development of Information and decisions management Software for educational council minutes of Medical Sciences Universities*. Journal of Paramedical Sciences (JPS) Winter 2017 Vol 8, No 1. ISSN 2008-4978.
- Moghaddasi, Hamid & et al. *Application of a Real-Time Dashboard to Reduce Ventilator-Associated Pneumonia in Intensive Care Units*. Int J Pul & Res Sci. 2017; 1(2).
- Moghaddasi, Hamid & Tabatabaee, A. *Applications of Cloud Computing in Health Systems*. Global Journal of Health Science; Vol. 9, No. 6; 2017.
- Moghaddasi, Hamid & et al. *National Health Information Network as a Nationwide Communication Tool*. J Healthc Commun. 2016, 1:4.



- Moghaddasi, Hamid & et al. ***Health Promotion in Light of Effective Communication of Health Care: A Crossroad for the Electronic Health Record and E-Health.*** J Healthc Commun. 2016, 1:4.
- Moghaddasi, Hamid & et al. ***Code of Ethics of medical informatics in Asia and America.*** J Research & Health 2016; 6(5): 463- 464.
- Moghaddasi, Hamid & et al. ***Reasons in Support of Data Security and Data Security Management as Two Independent Concepts: A New Model.*** The Open Medical Informatics Journal 10(1):4-10, October 2016.
- Moghaddasi, Hamid & et al. ***Mobile Health: An Efficient Service to Promote Self-care among People Introducing e-selfcare.*** J Health Med Inform. 2016 ,7: 223. doi: 10.4172/2157-7420.1000223.
- Moghaddasi H, Sajadi S, Amanzadeh M. ***The effect of a well-designed computerized physician order entry on medication error reduction.*** J Health Man & Info. 2016, 16;3(4): 127-131.
- Moghaddasi, Hamid & et al. ***Electronic Health Record Architecture: A Systematic Review.*** Journal of Paramedical Sciences (JPS) Vol 7, No3. Summer 2016.
- Moghaddasi, Hamid & et al. ***A systemic biologic model for healthcare data quality.*** Australia: HIM-INTERCHANGE Vol 6 No 1 2016.
- Moghaddasi, Hamid & et al. ***Mobile Health: An Efficient Service to Promote Self-care among People: Introducing e-selfcare.*** USA, J Health Med Inform, 7:3, 2016.
- Moghaddasi, Hamid & et al. ***The Evaluation of SEPAS National Project Based on Electronic Health Record System (EHRS) Coordinates in Iran.*** ACTA INFORM MED. 2015 DEC 23(6): 369-373. doi: 10.5455.
- Moghaddasi, Hamid & et al. ***Reasons for Deficiencies in Health Information Laws in Iran.*** U.S.A: Perspectives in Health Information Management Journal, Spring 2014.
- Moghaddasi, Hamid & et al. ***A Model for Measuring e-Health Status Across the World.*** U.S.A: Journal of TELEMEDICINE and e-HEALTH APRIL 2013.
- Moghaddasi, Hamid & et al. ***E-Health: A Global Approach with Extensive Semantic Variation.*** U.S.A: Journal of Medical System.2012.
- Moghaddasi, Hamid & et al. ***Improving the quality of clinical coding: a comprehensive audit model.*** IRAN: J Health Man & Info. 2014;1(2):37.
- Moghaddasi, Hamid & et al. ***CEO is a vision of the future role and position of CIO in Health care organizations.*** U.S.A: Journal of Medical System.2010.
- Moghaddasi, Hamid & et al. ***Investigating the quality control of laboratory information in university hospitals of Tehran in 2011.*** IRAN: Journal of Paramedical Sciences (JPS) Autumn 2012 Vol.3, No.4 ISSN 2008-4978

- Moghaddasi, Hamid & et al. **Infrastructures of the System for Developing Electronic Health Record**. IRAN: *Journal of Paramedical Sciences (JPS) Spring 2011 Vol.2, No.2 ISSN 2008-4978*
- Feizolahzadeh, Hossein, Zaghari Tafreshi, Moghaddasi, Hamid. **Development and Validation of a theory based multimedia application for educating Persian patients on hemodialysis**. U.S.A: *Journal of Computers, Informatics, Nursing*, May 2014.
- Seldon H.L., Moghaddasi, H., Seo, W.J. **Personal Health Records in SE Asia Part 2 -A Digital Portable Health Record**. U.S.A: *electronic Journal of Health Informatics* 2014; Vol 8(1): e2.
- Sheikhtaheri, A., Sadoughi, F., Ahmadi, M., Moghaddasi, H. **A framework of a patient safety information system for Iranian hospitals: Lessons learned from Australia, England and the US**. *International Journal of Medical Informatics*, 82(2015) 335-344.
- Moghaddasi, Hamid & et al. **New model for organizational structure of medical records departments at hospitals in Iran**. U.S.A: *Perspectives in Health Information Management Journal*, May 2006, 3:4.
- Moghaddasi, Hamid; Tabibi, Jamaledin. **Health care organizations and information quality**. Iran, Tehran: *Ministry of Health Journal* 56, no.1 (2005), pp: 8-17.
- Moghaddasi, Hamid & et al. **How quality of data and results is being controlled in the biochemistry departments of hospital laboratories in Iran**. Published by the 4<sup>th</sup> national congress on improving quality in clinical laboratories, Feb 2006, pp: 131-2.
- Moghaddasi, Hamid. **Hospital information resources and how auditing them**. Published by the first national congress on hospital resources management, January 2003, pp: 31-2.

**Following Ph.D. and M.S. theses has been advised:**

- *Development and evaluation of a software for connecting medical office and laboratory information systems and providing architectural model for sharing this software based on cloud computing.2020.*
- *Design and Evaluation of Smartphone Application for Self-Management of Warfarin Therapy.2019.*
- *Design and Evaluation of a Clinical Decision Support Software to Diagnose Cardiac Chest Pain in Patients in Visiting Emergency. 2016.*
- *Design and Evaluation of a Clinical Decision Support System for predicting Graft Survival in Kidney Transplantation. 2016.*
- *Developing a General Framework for National Health Information Network of Iran. 2016.*
- *Providing an architecture model of summary electronic health record. 2016.*
- *Comparing the efficiency of survival prediction model in patients with colorectal cancer based on TNM guide with designed non-parametric (Multi-Layer Perceptron Neural Network) and parametric (Multivariate Logistic Regression) models. 2015.*
- *Comparison of efficiency between two models, Multilayer Perceptron Neural Network and Multivariate Logistic Regression, in the diagnosis of Multiple Sclerosis disease. 2015.*
- *Design and Evaluation of a Training-Multimedia Mobile Health Application for the relief and prevention of the Neck Spasm.2014.*
- *Comparing Prediction Models for Type 2 Diabetes Disease based on Association Rules and Neural Networks. 2014.*
- *Comparing Prediction Models for Stroke Based on Neural Network and Decision Tree. 2014.*
- *The study on implementation Pharmacovigilance programme at the Hospitals of Shahid Beheshti University of Medical Sciences. 2014.*
- *Information communicating model of the health center with the centers of "Mental Health" and "endocrine research" of Shahid Beheshti Medical Science University to prevent and treat diffuse toxic goiter. 2014.*
- *A Study on Mental Health Information System of Mental Departments in Hospitals Affiliated by Universities of Medical Science in Tehran. 2013.*
- *Presenting an evaluation model for general dentistry application. 2013.*

- Presenting a prediction model for coronary artery disease based on gene expression programming.2013.
- The Comparison Study of the Usual Logistic Regression Analysis with the Fuzzy Type of that in respect of Effective Support for Medical Decision Making about Breast Tumors.2012.
- Designing a structured conceptual model to develop an integrated information system between a hospital and a pharmaceutical company.2012.
- Designing a Conceptual Model for Computerized Physician Order Entry.2012.
- Evaluation of HIS Information Model Presented by Ministry of Health & Medical Education. 2012.
- Designing An Audit Model To Improve Quality Of Coding. 2011.
- A Study about causes of Health Information Law deficiencies in Iran. 2011.
- Study on E-Health situation of IRAN in compare with the other countries of the world ,2010.
- Study on the specification of Electronic Health Record (EHR) development system and Its implementation in IRAN, 2010.
- Comparative Study on digital storage of radiology films in Tehran and Beheshti universities of medical sciences, 2006.
- Study on Emergency Information Management System at Universities of Medical Sciences in Tehran, 2006.
- Comparative Study on Organizational Structure of Medical Records department at Hospitals: Providing a New Model for Iran, 2005.
- Study on Laboratory Data and Results quality control in Hospitals affiliated to Universities of Medical Sciences in Tehran: 2005.
- Comparative Study on Structure and Activities of the Medical Record Committee in Educational Hospitals affiliated to Universities of Medical Sciences in Tehran; and Developed Countries: Presenting a Proper Model for IRAN, 2005.
- Study on Tumour Registry Mechanism in the Hospitals affiliated to Universities of Medical Sciences in Tehran: 2005.
- Study on the Structure of the Hospital Information System in Shiraz Hospitals: 2003.
- Study on Healthcare Data Organizing Methods in Hospitals affiliated to Universities of Medical Sciences in Tehran: 2003.