

# Curriculum Vitae

## *Personal Information*

**First Name:** Masoumeh

**Surname:** Abbasi

**Birth Date:** 23 September 1983

**Marital status:** Married

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## *Educational Background*

**PhD. in Medical Informatics**, Mashhad University of medical science, Mashhad, Iran, Oct 2017.

**MSc. in Medical informatics**, Tehran University of medical science, Tehran, Iran, Jan 2013.

**BSc. In Computer Engineering**, Ilam University, Ilam, Iran, July 2008.

## *Employment and Professional Experiences*

**December 2017 –present** Assistant professor, Department of Health Information Technology, Para-Medical School, Kermanshah University of Medical Sciences. Kermanshah, Iran

**January 2017 –present** Director of patient Registries Center, Vice-chancellor for Research, Kermanshah University of Medical Sciences. Kermanshah, Iran.

## *Publications*

### *Journal Papers in English (Published)*

1. **Abbasi M**, Ahmadian L, Amirian M, Tabesh H, Eslami S. The Development of a Minimum Data Set for an Infertility Registry. Perspectives in Health Information Management. 2018; 15(winter):1b.

2. **Abbasi M**, Mazloum Khorasani Z, Etminani K, Rahmanvand R. Determination of the most important risk factors of gestational diabetes in Iran by group analytical hierarchy process. *International Journal of Reproductive Biomedicine*.2017. 15(2):109-14.
3. **Abbasi M**, Eslami S, Mohammadi M, khajouei R. The pedagogical effect of a health education application for deaf and hard of hearing students in elementary schools. *Electronic Physician*.2017. 9(9):5199-205.
4. Ahmadi M, **Abbasi M**, Bahaadinbeigy K. Design and implementation of software for teaching health related topics to deaf students: the first experience in iran. *Acta informatica medica*. 2015. 23(2):76-80.
5. **Abbasi M**, Shahsavari S. Changes in Proximal Femoral Shape during Fetal Development: Common Mistake in Reliability Analysis. *Journal of pediatric orthopedics*. 2018 Nov 6. Doi: 10.1097/bpo.0000000000001296
6. **Abbasi M**, Shahsavari S, Quitt P, Reese S, Fischer A, Bertram S, et al. Assessment of menace response in neurologically and ophthalmologically healthy cats: methodological issue. *Journal of feline medicine and surgery*. 2018 Oct 18. Doi: 10.1177/1098612x18806029.
7. Shahsavari S, Naderi M, **Abbasi M**. Letter to the Editor concerning "Predicting medical complications in spine surgery: evaluation of a novel online risk calculator" by M. F. Kasperek et al. *European spine journal: official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society*. 2018 Nov; 27(11):2885-6.
8. **Abbasi M**, Shahsavari M. Level of Agreement With a Multi-Test Approach to the Diagnosis of Diabetic Foot Osteomyelitis: Methodological issue. *Journal of Foot and Ankle Surgery*. 2018.
9. Shahsavari S, Naderi M, **Abbasi M**. Methodological and statistical issues on the evaluation of a novel online risk calculator. *Journal of spine surgery*. 2018.
10. **Abbasi M**, Naderi M. Methodological issues in Prediction of Posthepatectomy Liver Failure. *American Journal of Roentgenology* . 2018.
11. **Abbasi M**, Naderi M. What does need to know about developing clinical prediction models?. *J Geriatr Oncol*.2019.
12. **Abbasi M**, Salehi S,Naderi M. Prediction of mechanical complications in adult spinal deformity surgery: Methodological issues. *The Spine journal*.2019.
13. **Abbasi M**, Naderi M. Methodological Issues on Prediction of Hepatocellular Carcinoma After Sustained Virologic Responses. *Clin Gastroenterol Hepatol*. 2019 Jun;17(7):1419. doi: 10.1016/j.cgh.2019.01.020.

14. **Abbasi M**, Naderi M. Prediction of Surgical Outcome After Trabeculectomy for Neovascular Glaucoma With Anterior Segment Optical Coherence Tomography: A Methodological Issues. *J Glaucoma*. 2019 Mar;28(3):e51-e52. doi: 10.1097/IJG.0000000000001154.

### *Journal Papers in Persian*

15. Poorgeisari H, **Abbasi M**, Molaei K, Rahmanvand R. Ranking Accidental Passages Using Multi-Attribute Decision-Making Techniques (Case study of Shahrekord). *Denash-E-Entezami*.1(4).2013.

### *Research Activities*

#### *Ph.D Thesis*

Creating an infertility registry and developing prediction models for infertility treatments.

#### *MSc. Thesis*

Developing health education software for deaf students in primary schools.

#### *Research Projects as Project Manager*

1. Regional Registry of Infertile Patients in Khorasan, Mashhad University of medical science, 2017.
2. The Effect of Information Technology Interventions on the Empowerment of Infertile Women Receiving Infertility Treatments and Pregnant Mothers with Infertility Treatment Methods, Mashhad University of medical science, 2016.
3. Evaluation of health education software for elementary school students in Mashhad using heuristic methods and educational effectiveness index, Kerman University of medical science, 2015.
4. Designing and evaluating the website for health information technology students, 2018.
5. Developing a minimum data set and data dictionary for gestational Diabetes, 2018.

#### *Research Projects as Project Coworker*

1. Provide a prediction model for Angina pectoris risk based on data mining algorithms. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
2. Hybrid data mining model for prediction of type2 diabetes. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
3. Registry planning for complications of drugs addiction and its Factors related to treatment in Iran, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
4. Registration of patient with Rheumatoid Arthritis referred to Emam Reza clinic, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.

5. Chronic viral Hepatitis Registry system, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
6. Creating a hepatitis Registry, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
7. Registration of patients with lichen planus referring to Dermatology and Dental specialist Clinics of Kermanshah, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
8. Diabetes non-contagious disease Registration system, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
9. Registering newborn babies from mothers infected with HIV, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
10. Registration of blood and body fluids Encounter and injuries caused by sharp objects in Imam Reza Center affiliated to Kermanshah University of Medical Sciences, 2018-2019, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
11. Registration of patient with Spinal Fracture refers to Taleghani hospitals. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
12. Cell phone application for display drug information, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
13. Smart cell phone application for dispensing and sending prescription data, Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
14. Determination of the relationship between the factors affecting the prognosis and the relapse and survival of patients with breast cancer referring to the Shohada Hospital of Tajrish and Azar Clinic covered by the Cancer Research Center, Data mining approach, 2014.
15. Prevalence of colic infants in mothers with gestational diabetes mellitus compared to healthy pregnant mothers, Mashhad University of medical science, 2014.

### *Seminars, symposia and congresses*

Type of presentation	Number of Articles			
	National	International	Regional	Total
Poster presentation	5	2		7
Oral presentation	3	2		5

### *Research Interests*

Clinical Decision Support Systems (CDSS), Prediction models, Data mining, Machine Learning, Health Information Systems

### *Professional Training*

### *Workshops*

1. Decision making in medicine, Mashhad University of medical science, 2014
2. Information Retrieval, Mashhad University of medical science, 2014
3. Patient registries,2018
4. How to implement a patient registry,2018

### *Courses*

5. Advanced programming (2), Azad University, 2012-2013.
6. International Computer Driving License 1 (ICDL 1), Ilam Technical & Vocational Training Organization, 2008-2012.
7. International Computer Driving License 2 (ICDL 2), Ilam Technical & Vocational Training Organization, 2008-2012.
8. Computer user's lesson, Ilam Technical & Vocational Training Organization, 2008-2012.
9. Data Structure, Department of Health information Technology, Kermanshah University of medical science, 2017- 2018.
10. Technology management in health, Master Students, Department of Health information Technology, Kermanshah University of medical science, 2017-2018.
11. Crisis management in health, Master Students, Department of Health information Technology, Kermanshah University of medical science, 2017-2018.
12. English for Health Information Management 1, Master Students, Department of Health information Technology, Kermanshah University of medical science, 2017-2018.
13. English for Health Information Management 2, Master Students, Department of Health information Technology, Kermanshah University of medical science, 2017-2018.
14. Medical information systems, MSc students of Biostatics, Health Department, Kermanshah University of medical science, 2017-2018.
15. Medical information systems, MSc students of Environmental Health, Health Department, Kermanshah University of medical science, 2017-2018.
16. Computer Networks, Master Students, Department of Health information Technology, Kermanshah University of medical science, 2017-2018.

### *Workshops, Seminars, symposia and congresses*

1. Workshop of survey study analysis, Kermanshah University of medical science, 2018
2. Workshop of Systematic Review, Kermanshah University of medical science, 2018
3. National Congress of Health information systems, Ahvaz University of medical science,2018
4. International Congress of Diseases and Health Outcomes Registry, Mashhad University of medical science,2017
5. National Congress of Medical Informatics, Mashhad University of medical science,2017
6. Workshop of educational need assessment, Kermanshah University of medical science, 2018

7. Workshop of “How to write educational processes”, Kermanshah University of medical science, 2018
8. Workshop of “Appraisal and review articles”, Kermanshah University of medical science, 2018
9. Workshop of Essay Writing, Mashhad University of medical science, 2016
10. Workshop of Systematic Review, Mashhad University of medical science, 2016
11. Workshop of SPSS, Mashhad University of medical science, 2016
12. Workshop of Systematic Review, Mashhad University of medical science, 2015
13. Workshop of Genetic algorithm in MATLAB, Mashhad University of medical science, 2015
14. Workshop of Ideas and launching successful businesses, Mashhad University of medical science, 2015
15. Workshop of Meta-analysis, Mashhad University of medical science, 2015
16. Workshop of Decision making in medicine, Mashhad University of medical science, 2014
17. Workshop of Information Retrieval, Mashhad University of medical science, 2014
18. Workshop of Advanced Search, Mashhad University of medical science, 2014
19. Workshop of Proposal writing, Tehran University of medical science, 2011
20. Workshop of Review, Tehran University of medical science, 2011
21. Workshop of Search, Tehran University of medical science, 2011
22. National Congress of E-learning in medical science, Tabriz University of medical science, 2010

### *Patent*

1. Health education software for primary Deaf Students.