Curriculum Vitae

Personal Information

First Name: Masoumeh

Surname: Abbasi

Birth Date: 23 September 1983

Marital status: Married

Email: abbasi.info89@yahoo.com
Tel: +98-9033641574

Educational Background

January 2014 – October 2017: Ph.D. in Medical Informatics, Mashhad University of Medical Sciences, Mashhad, Iran.

March 2013: M.Sc. in Medical informatics, Tehran University of Medical Sciences, Tehran, Iran.

July 2008: B.Sc. in Computer Engineering, Ilam University, Ilam, Iran.

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 and Technology, Kermanshah University of Medical Sciences, Kermanshah, Iran.

Membership of Professional Associations

2018-present	Collaborator of Global Burden of Disease (GBD)

Publications

Journal Papers in English (Published or Accepted)

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. 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. Kasparek 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; 27(11):2885-6.

6. **Abbasi M**, Shahsavari S. Changes in Proximal Femoral Shape during Fetal Development: Common Mistake in Reliability Analysis. Journal of pediatric orthopedics. 2019;39(4): e323.

7. **Abbasi M**, Naderi M. Methodological issues in Prediction of Posthepatectomy Liver Failure. American Journal of Roentgenology. 2019;212(4): W109-W109.

8. **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. 2019;21(6):595-596.

9. **Abbasi M**, Naderi M. What does need to know about developing clinical prediction models?. J Geriatr Oncol. 2019; 10(2):369.

10. **Abbasi M**, Salehi SS,Naderi M. Prediction of mechanical complications in adult spinal deformity surgery: Methodological issues. The Spine journal.2019;19(5):959.

11. **Abbasi M**, Naderi M. Serum heart-type fatty acid-binding protein as a predictor for the development of sepsis-associated acute kidney injury: methodological issues. Expert review of molecular diagnostics. 2019;19(12):1053-1053.

12. **Abbasi M**, Naderi M. Prediction of Surgical Outcome After Trabeculectomy for Neovascular Glaucoma With Anterior Segment Optical Coherence Tomography: A Methodological Issues. Journal of glaucoma. 2019; 28(3): e51-e52.

13. **Abbasi M**, Naderi M. Methodological issues on prediction of early-and long-term mortality in adult patients acutely admitted to internal medicine. Clinical Nutrition. 2019;38(5):2454.

14. **Abbasi M**, Naderi M. Methodological issues on prediction of hepatocellular carcinoma after sustained virologic responses.Clinical Gastroenterology and Hepatology. 2019;17(7):1419.

15. Alvis-Guzmán N, Burstein R, Henry N, Collison ML, Marczak LB, Sligar A, Watson S, Marquez N, Abbasalizad-Farhangi M, **Abbasi M**. Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature 2019;574(7778):353-358.

16. **Abbasi M**, Naderi M, Amirian M, Eslami S. Determining predictive factors for success of infertility treatments: systematic review and experts' opinions. Health Informatics Journal. 2020 **(Accepted)**

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

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. Determination of predictors of recurrent miscarriage. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
2. Comparison of the Effectiveness of Different Methods Based on Smartphone Programs on Blood Glucose Factor in Diabetic Patients. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
3. Designing and evaluating the website for health information technology students. 2018.
4. Developing a minimum data set and data dictionary for gestational Diabetes. 2018.
5. Regional Registry of Infertile Patients in Khorasan, Mashhad University of medical science, 2017.
6. 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.
7. Evaluation of health education software for elementary school students in Mashhad using heuristic methods and educational effectiveness index. Kerman University of medical science, 2015.

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. 2019.
2. Hybrid data mining model for prediction of type2 diabetes. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
3. Chronic Obstructive Pulmonary Disease Registry. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
4. Registration of bone marrow transplantation in patients with cancer. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
5. Childhood Developmental Stuttering Data Registry. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
6. Registration of patients with eye trauma in patients referring to Imam Khomeini Hospital in Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
7. Medical errors registry of Kermanshah province medical council. Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
8. Infertility registration of the population referred to the Infertility Research and Treatment Center of the Moatazedi Hospital. Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
9. Registry of Pregnancy and Cardiac disease (ROPAC). Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
10. National registry of cleft palate and lip. Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
11. Pressure ulcers registry. Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2019.
12. Set up and follow-up a registration system of cardiac rehabilitation services at Imam Ali Hospital in Kermanshah city, Pressure ulcers registry. Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
13. Non Alcoholic Fatty Liver Disease Data Registry in Kermanshah city. Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
14. Registry planning for complications of drugs addiction and its Factors related to treatment in Iran. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
15. Registration of patient with Rheumatoid Arthritis referred to Emam Reza clinic. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
16. Chronic viral Hepatitis Registry system. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
17. Registration of patients with lichen planus referring to Dermatology and Dental Specialist Clinics of Kermanshah. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.

18. Diabetes non-contagious disease Registration system. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
19. Registering newborn babies from mothers infected with HIV. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
20. 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.
21. Registration of patient with Spinal Fracture refers to Taleghani hospitals. Kermanshah University of Medical Sciences. Kermanshah, Iran. 2018.
22. 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. Mashhad University of medical science, 2014.
23. 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), Predictive modeling, Data mining, Machine Learning, Health Information Systems

Professional Teaching

Workshops
1. Winter School: Data mining, 2020
2. Patient registries, 2019
3. How to implement a patient registry, 2018.
4. Decision making in medicine, Mashhad University of medical science, 2014
5. Information Retrieval, Mashhad University of medical science, 2014

Courses
6. Advanced programming (2), Azad University, 2012-2013.
7. International Computer Driving License 1 (ICDL 1), Ilam Technical & Vocational Training Organization, 2008-2012.

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

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.