



Mahmood Tara M.D. Ph.D. in Health Informatics

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[🌐 https://scholar.google.com/citations?user=EovtpO8AAAAJ&hl=en](https://scholar.google.com/citations?user=EovtpO8AAAAJ&hl=en)

SUMMARY

Dr. Mahmood Tara is a physician and health informatics specialist with over twenty years of experience in computer applications in medicine. He has held positions such as associate professor, founder, and former director of the Department of Medical Informatics at Mashhad University of Medical Sciences (MUMS). Dr. Tara also served as the former dean of the School of Medicine at MUMS, former chairman of the board for medical informatics and health information management programs, and former Chief Information Officer at the Iranian Ministry of Health and Medical Education.

Dr. Tara's contributions have been recognized internationally, as he is a member of the WHO Roster of Experts on Digital Health and a fellow of the International Academy of Health Sciences Informatics, globally elected in 2020. He has also worked as health/medical informatics consultants by many organizations in Iran and internationally including being the hospital information management consultant for WHO EMRO program since 2017. Currently, he holds the position of associate professor at Rajaei Cardiovascular Education and Research Center, where he focuses on Clinical Informatics and Smart Hospital initiatives.

EDUCATION

Ph.D. in Health Informatics, School of Health Information Science, University of Victoria, Victoria BC, Canada **2007**

Dissertation: "Development and Evaluation of a Knowledge Requirements Engineering Model to Support Design of a Quality Knowledge-intensive eHealth Application"

Doctorate in Medicine (with dissertation), School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran. **1998**

Dissertation: "A Systematic Evaluation of Medical Education in Iran"

AWARDS

Elected Fellow- International Academy of Health Sciences Informatics **2020**

Selected Recipient of University Award for Excellence in Education Products (Motahari Award) for Project: “Design of a Serious Game to Master Obstetrical Surgery Procedures”	2019
Third-place Recipient of International Serious Games Award (SeGaP2018) for Play and Learn for Surgeons (A project by MSc. Student, Nahid Sharifzadeh)	2018
Selected Recipient of National Award for Excellence in Education Management (Motahari Award) for Project: “Stepwise Beyond-location Management of Educational Department”	2013
First-place Recipient of University Award for Excellence in Education Management (Motahari Award)	2010
First-place Recipient of University Award for Excellence in Education Program Development (Motahari Award)	2010
Selected Recipient of University of Victoria PhD Fellowship Award , University of Victoria, Victoria BC, Canada	2007
Selected Recipient of University of Victoria PhD Fellowship Award , University of Victoria, Victoria BC, Canada	2006
Selected Recipient of Michel Miller Award for the paper titled “Key Aspects of a Practical Consumer Health Guideline Targeting Bipolar Patients and Their Families”, School of Health Information Science, University of Victoria, Victoria BC, Canada	2005
Selected Recipient of Dr. Julius Schleicher Graduate Award for academic performance, University of Victoria, Victoria BC, Canada	2003
Appreciation Award for the ‘the Best Reported Experience’ in the Systematic Optimization in Management for the paper titled Optimizing the Process of the Distribution of Medical Supplies in a Healthcare System, Fourth National Congress of System Optimization, Tehran, Iran	2000
First place Award , the Provincial Competition of Reading Skills, Mashhad, Iran	1994
First place Award (Best Article) , the National Competition for Improving Tourism Industry, Mashhad, Iran	1992
Second place Award , the National Competition of Book-Summarizing Skills, Mashhad, Iran	1991

PROFESSIONAL ACTIVITIES (MEMBERSHIP, POSITIONS)

Head , Center for Technology and Innovation in Cardiovascular Informatics, Rajaei Cardiovascular Institute, Tehran, Iran	2023 - Now
Director , Electronic Hospital Program, Rajaei Cardiovascular Institute, Tehran, Iran	2021- Now
Faculty Member (Associate Professor). Rajaei Cardiovascular Institute, Tehran, Iran	2021- Now
Deputy Director , Digital Health Workgroup, National Academy of Biomedical Sciences, Tehran, Iran	2020-Now
Dean , School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran	2020-2021

Fellow , International Academy of Health Sciences Informatics (IAHSI)	2020-Now
Member , WHO Roster of Experts on Digital Health, World Health Organization	2019-2022
E-Organization Consultant , Iran Health Insurance Organization, Tehran, Iran	2019-2020
International Professional Consultant/TOT Facilitator , World Health Organization at EMRO, Cairo, Egypt	2017-Now
Director General , the Office for Statistics and Information Technology, Ministry of Health and Medical Education, Tehran, Iran	2016-2019
Chairman . Iranian Board of Health Information Management and Medical Informatics, Ministry of Health	2014-2020
Chief Information Officer . Mashhad University of Medical Sciences	2014-2016
Director . Department of Medical Records and Health Information Technology. School of Paramedical Sciences. Mashhad University of Medical Sciences.	2013-14
Scientific Committee . 6 th Conference of eLearning in Biomedical Sciences, Shiraz, Iran	2013
Director . Department of Research and Development in Education. School of Medicine. Mashhad University of medical Sciences	2008-2009
Associate CIO - Department of Statistics and Information Technology- Mashhad University of medical Sciences	2008-2009
Workgroup Member . ISIRI/TC 215/WG9 National Health Informatics Standard Committee. Iranian Standard Organization	2009-2013
Founder and Director . Department of Biomedical Informatics. School of Medicine. Mashhad University of Medical Sciences	2009- 2016
Faculty Member . School of Medicine. Mashhad University of Medical Sciences	2007- 2021
Member - the Society for Internet in Medicine	2006-2007
Member - American Medical Informatics Association (AMIA)	2006-2007
Guest Lecturer - Consumer Health Informatics, HINF 470: Trends in Health Informatics, UVic School of Health Information Science	2006
Program Committee Member - The 19th IEEE International Symposium on Computer-based Medical System, Salt Lake City, Utah, USA. Special Track: Security, Privacy and Confidentiality - Threats and Challenges to Health Systems	2005-2006
Web Site Coordinator/Designer -University of Victoria Official Web Site Design Team, Victoria BC, Canada.	2003-2007
Team Member/Visiting Worker - International group to design Personal Health Record Standards, e-Health Group, National Research Council of Canada, Saint John NB, Canada	2004-2005
Guest Lecturer - Personal Health Records, HINF 415, Patient Care Support System, School of Health Information Science, University of Victoria, Victoria BC, Canada	2004
Editorial Board Member and Co-founder - Journal of Computer in Medicine, Informatics Center, Mashhad University of Medical Sciences, Mashhad, Iran	2000-2002
Technical Associate Manager -Computer Center, Mashhad University of Medical Sciences, Mashhad, Iran	1999-2002

President's Representative- Hospital Information System 7 (HIS-7) project, Imam Reza Hospital, Mashhad University of Medical Sciences, Mashhad, Iran	1999-2000
Manager and Clinician- Badranloo and Raaz Healthcare Centers, Bojnord, Iran	1998-1999
Head and Founder- Computer Center, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran	1993-1995

JOURNAL PAPERS

1. M Tara, R Golpira, M Mahmoudi, SS Razavi, Ali Samimi, D Tehrany. *Electronic Prescription System in Iran: Requirements, Challenges, and Solutions*. *Iran J Cult Health Promot* 2023, 7(2): 175-184. 2023
2. R Rabiei, K Bahaadinbeigi, M Samadbeik, H Emami, M Tara, S Almasi. *Education and Promotion of Iran's Digital Health with an Approach to the Structure and Content of the Educational Program*. *Iran J Cult Health Promot* 2023, 7(2): 196-206. 2023
3. R Golpira, M Tara, A Raeesi. *Prerequisites of Implementing Smart Hospitals in Iran*. *Iran J Cult Health Promot* 2023, 7(2): 185-195. 2023
4. SH Emami Razavi, K Bagheri Lankarani, E Behzadi, A Biglari, M Tara, N Tabrizchi, AA Haghdoost, HR Khankeh, SJ Sajadi, H Emadi Koochak, SM Foroutan, M Ghanei, M Mojtahedzadeh, MA Mohagheghi, AR Marandi. *Lesson Learned from the Epidemic of Covid-19 in Iran: Challenges and Opportunities*. *Iranian Journal of Culture And Health Promotion*. Number: 6 (4) 2023
5. E Bitaraf, M Tara, A Sheikhtaheri, R Rabiei, N Shaker Hosseini, M Jafarpour, F Sarani Rad, E Barmar. *The National Electronic Health Record—A Review the Implementation Process in the World and Iran*. *Iranian Journal of Culture and Health Promotion* 7 (2), 157-164.2023
6. Nazari, E. Farzin, A.H. Aghemiri, M. Tara, M. Tabesh, H. Deep Learning for Acute Myeloid Leukemia Diagnosis Community PractitionerThis link is disabled., 2023, 20(3)
7. A. Raeesi, M. Tara, B. Kiani. Spatial accessibility to hospitals in Southeast Iran: an enhanced two-step floating catchment area method. DOI: 10.1007/s10708-023-10925-3. *GeoJournal*. 2023
8. S. Hashtarkhani; SA. Matthews; P. Yin; AR. Mohammadi; Sh. MohammadEbrahimi; M. Tara; B. Kiani. Where to place emergency ambulance vehicles: use of a capacitated maximum covering location model with real call data. DOI: 10.4081/gh.2023.1198. *Geospatial Health*. 2023
9. Z. Ebnehoseini, H. Tabesh, A. Deghatipour, M. Tara. *Development an extended-information success system model (ISSM) based on nurses' point of view for hospital EHRs: a combined framework and questionnaire*. *BMC Medical Informatics and Decision Making* 22(1) DOI:10.1186/s12911-022-01800-1. 2022
10. H Ghazal, A Alshammari, A Taweel, A EIBokl, C Nejjari, D Alhuwail, ...*Middle East and North African Health Informatics Association (MENAHA)*. *Yearbook of Medical Informatics*. 2022
11. S Hashtarkhani, B Kiani, A Mohammadi, S MohammadEbrahimi, S Eslami M Tara. *One-year spatiotemporal database of Emergency Medical Service (EMS) calls in Mashhad, Iran: data on 224,355 EMS calls*. *BMC Research Notes* 15 (1), 1-3. 2021
12. SM Mousavi, A Takian, M Tara. *Sixteen years of eHealth experiences in Iran: a qualitative content analysis of national policies*. *Health Research Policy and Systems* 19 (1), 1-15. 2021
13. S Hashtarkhani, B Kiani, A Mohammadi, S MohammadEbrahimi, M Dehghan-Tezerjani, T Samimi, M Tara, SA Matthews. *Spatio-temporal epidemiology of emergency medical requests in a large urban area. A scan-statistic approach*. *Geospatial health* 16 (2). 2021
14. S Hashtarkhani, P Yin, B Kiani, A Mohammadi, S MohammadEbrahimi, M Tara, SA Matthews. *Where to place emergency ambulance vehicles? Using a capacitated maximum covering location model with real call data*. *Research Square*, 25 Oct 2021, DOI: 10.21203/rs.3.rs-994111/v1.
15. N Sharifzadeh, E Nazari, H Tabesh, H Kharrazi, M Edalati, S Heidari, M Tara. *Health education serious games: A scoping review*. *JMIR Serious Games*, 2020, DOI: 10.2196/13459

16. S Hashtarkhani, B Kiani, R Bergquist, N Bagheri, R VafaeiNejad, M Tara. *An age-integrated approach to improve measurement of potential spatial accessibility to emergency medical services for urban areas*. The International Journal of Health Planning and Management. 2019. <https://doi.org/10.1002/hpm.2960>
17. M Jangi, MG Sabbagh, F Nazemian, M Hami, H Tabesh, M Tara. *Determination of identifier factors for prioritization of kidney transplantation candidates in patients with chronic renal disease*. Clinical nephrology 92 (2), 55-64. 2019
18. S Sistani, S Norouzi, MR Hassibian, M Tara, H Tabesh, S Hasibian. *The Discovery of Major Heart Risk Factors among Young Patients with Ischemic Heart Disease Using K-Means Techniques*. International Cardiovascular Research Journal 13 (3) 2019
19. Z Ebnehoseini, H Tabesh, K Deldar, SM Mostafavi, M Tara. *Determining the Hospital Information System (HIS) Success Rate: Development of a New Instrument and Case Study*. Open access Macedonian journal of medical sciences 7 (9), 1407. 2019
20. Azadeh Kamel Ghalibaf, Mahdi Gholian-Aval, Zahra Mazloom Khorasani, Mahmood Tara. *Systematic development of a Weighted Hierarchical Topic Model for Educational Needs of Diabetic Patients Type 2*. Journal of Electronic Physician (Accepted for Publication).
21. Majid Jangi, Zahra Ebnehoseini, Mahin Ghorban Sabbagh, Mahmood Tara. *Prediction models to measure transplant readiness of patients with renal failure: A systematic review*. Saudi journal of kidney diseases and transplantation, 30(1):1-14, 2019, DOI: 10.4103/1319-2442.252899
22. Zahra Mazloom Khorasani, Mahmood Tara, Zahra Ebnehoseini, Kobra Etminani, Zahra Moosavi. *Quantitative Evaluation of Diabetic Medical Record Documentation*. Current diabetes reviews 15 (2), 158-163. 2019
23. Azadeh Kamel Ghalibaf, Elham Nazari, Mahdi Gholian-Aval, Mahmood Tara: *Comprehensive overview of computer-based health information tailoring: A systematic scoping review*. BMJ Open 01/2019; 9(1): BMJ Open-2017-021022., DOI:10.1136/bmjopen-2017-021022
24. Seyyed Meysam Mousavi, Amirhossein Takian, Mahmood Tara: *Design and validity of a questionnaire to assess national eHealth architecture (NEHA): a study protocol*. BMJ Open 12/2018; 8(12): e022885., DOI:10.1136/bmjopen-2018-022885
25. Zahra Ebnehoseini, Mahmood Tara, Marziyhe Meraji, Kolsoum Deldar, Farnaz Khoshronezhad, Sanaz Khoshronezhad: *Usability Evaluation of an Admission, Discharge, and Transfer Information System: A Heuristic Evaluation*. Open Access Maced J Med Sci; 6(11), DOI:10.3889/oamjms.2018.392
26. Azadeh Kamel Ghalibaf, Zahra Mazloom Khorasani, Mahdi Gholian-Aval, Mahmood Tara: *Designing and Evaluating of a Guideline-Based Recommender-Interpreter System to Inform Diabetic Patients about the Status of Periodic Lab Tests*. 10/2018; 7:3., DOI:10.24200/ijmi.v7i0.152
27. Behzad Kiani, Nasser Bagheri, Ahmad Tara, Benyamin Hoseini, Soheil Hashtarkhani, Mahmood Tara: *Comparing Potential Spatial Access with Self-reported Travel Times and Cost Analysis to Hemodialysis Facilities in North-eastern Iran*. Geospatial health 08/2018; 13(2), DOI:10.4081/gh.2018.703
28. Zahra Mazloom Khorasani, Mahmood Tara, Zahra Ebnehoseini, Kobra Etminani, Zohreh Moosavi: *Quantitative Evaluation of Diabetic Medical Record Documentation*. Current Diabetes Reviews 06/2018; 14(2), DOI:10.2174/1573399814666180622161309
29. Benyamin Hoseini, Nasser Bagheri, Behzad Kiani, Amirabbas Azizi, Hamed Tabesh, Mahmood Tara: *Access to dialysis services: A systematic mapping review based on geographical information systems*. Geospatial health 05/2018; 13(1), DOI:10.4081/gh.2018.577
30. Ali Sanaeifar, Mahmood Tara, Ahmad Faraahi, Bibimasoumeh Mir Mousavi, Mitra Ahadi, Ali Bahari: *SEPHYRES 2: applying semantic-pseudo-fuzzy methods in medical diagnostic ontologies*. International Journal of Medical Engineering and Informatics 01/2018; 10(3):265., DOI:10.1504/IJMEI.2018.093366
31. Majid Jangi, Cesar Fernandez-de-las-Penas, Mahmoud Tara, Fateme Moghbeli, Fariba Ghaderi, Khodabakhsh Javanshir: *A systematic review on reminder systems in physical therapy*. Caspian Journal of Internal Medicine 01/2018; 9(1):7-15., DOI:10.22088/cjim.9.1.7

32. Kolsoum Deldar, Fatemeh Tara, Kambiz Bahaadinbeigy, Mohammad Khajedaluae, Mahmood Tara: *A Data Model for Teleconsultation in Managing High-Risk Pregnancies: Design and Preliminary Evaluation*. 12/2017; 5(4):e52., DOI:10.2196/medinform.8393
33. Azadeh Kamel Ghalibaf, Elham Nazari, Mahdi Gholian-Aval, Hamed Tabesh, Mahmood Tara: *Comprehensive overview of computer-based health information tailoring: a scoping review protocol*. BMJ Open 12/2017; 7(12):e019215., DOI:10.1136/bmjopen-2017-019215
34. Masoud Sotoudehfar, Zahra Mazloun Khorasani, Zahra Ebnehoseini, Kobra Etminani, Mahmood Tara, Robab-bigom Aboutorabi: *Determining the Minimum Data Set for Diabetes Registry*. Medical Technologies Journal; 1(4):115-116., DOI:10.26415/2572-004X-vol1iss4p115-116
35. Kolsoum Deldar, Seyed Mahmood Tara, Majid Jangi: *Systematic extraction of diagnostic data items for common high-risk pregnancies using Delphi technique*. The Iranian Journal of Obstetrics, Gynecology and Infertility; 1(4):119-119., DOI:10.26415/2572-004X-vol1iss4p119-119
36. Zahra Mazloun khorasani, Mahmood Tara, Kobra Etminani, Zohre Moosavi, Zahra Ebnehoseini: *Quantitative Evaluation of Medical Record Documentation In Imam Reza Hospital, Mashhad, Iran.*; Medical Technologies Journal 1(4):98-99., DOI:10.26415/2572-004X-vol1iss4p98-99
37. Azadeh Kamel Ghalibaf, Zahra Mazloun Khorasani, Mahdi Gholian Aval, Mahmood Tara: *Aspects of User Profiling in Computer-based Health Information Tailoring Systems: A Narrative Review*. Medical Technologies Journal 11/2017; 1(4):105-106., DOI:10.26415/2572-004X-vol1iss4p105-106
38. Benyamin Hoseini, Mahmood Tara, Behzad Kiani, Amirabbas Azizi: *Towards developing an integrated index of access to dialysis facilities: A systematic review*. Geospatial health 11/2017; 1(4):93-93., DOI:10.26415/2572-004X-vol1iss4p93-93
39. Behzad Kiani, Nasser Bagheri, Ahmad Tara, Benyamin Hoseini, Hamed Tabesh, Mahmood Tara: *Revealed Access to Haemodialysis Facilities In Northeastern Iran: Factors That Matter in Rural and Urban Areas*. Geospatial health 11/2017; 12(2):237-244., DOI:10.4081/gh.2017.584
40. Majid Jangi, Cesar Fernández-de-las-Peñas, Mahmood Tara, Fateme Moghbeli, Fariba Ghaderi, Khodabakhsh Javanshir: *Reminders in Physical Therapy: A Systematic Review*. Caspian Journal of Internal Medicine 09/2017; 9(1):2-0.
41. Ali Sanaeifar, Mahmood Tara, Mitra Ahadi, Ali Bahari, Ahmad Faraahi: *SEPHYRES: A Medical Diagnosis Model based on Semantic Pseudo-Fuzzy Plan and Radar-form Interface*. Applied Medical Informatics 06/2017; 39(1-2).
42. Behzad Kiani, Nasser Bagheri, Ahmad Tara, Benyamin Hoseini, Mahmood Tara: *Haemodialysis services in the northeastern region of Iran*. Geospatial health 05/2017; 12(1)., DOI:10.4081/gh.2017.561
43. Azadeh Kamel Ghalibaf, Zahra Mazloun Khorasani, Mahdi Gholian-Aval, Hamed Tabesh, Mahmood Tara: *Design, Implementation, and Evaluation of Self-Describing Diabetes Medical Records: A Pilot Study*. JMIR Medical Informatics 05/2017; 5(2):e10., DOI:10.2196/medinform.6862
44. Ali Sanaeifar, Seyed Mahmood Tara, Ahmad Faraahi, Bibimasoumeh Mir Mousavi, Mitra Ahadi, Ali Bahari: *SEPHYRES 2: Applying semantic-pseudo-fuzzy methods in medical diagnostic ontologies*. International Journal of Medical Engineering and Informatics 04/2017; 10(3)., DOI:10.1504/IJMEI.2018.10013914
45. Zahra Ebnehoseini, Marziyhe Meraji, Mahmood Tara, Amir Rezaei Ardani, Farzad Akbarzadeh, Malihe Irajzade: *Designing the Minimum Data Set of Psychiatric Emergency Records*. Acta Health Medica 02/2017; 2(2):197-197., DOI:10.19082/ah197
46. Ali Sanaeifar, Mahmood Tara, Mitra Ahadi, Ali Bahari, Ahmad Faraahi: *SEPHYRES 2: A Symptom Checker Based on Semantic Pseudo-Fuzzy Diagnostic Model*. Acta Health Medica 02/2017, DOI:10.19082/ah129
47. Marziyhe Meraji, Mahmood Tara, Zahra Ebnehoseini, Sanaz Khoshrounejad, Farnaz Khoshrounejad: *Usability Evaluation of Admission Information Systems in Mashhad University of Medical Sciences Hospitals: A Heuristic Evaluation*. Acta Health Medica 02/2017; 2(1):128-128., DOI:10.19082/ah128

48. Azadeh Kamel Ghalibaf, Seyed Mahmood Tara: *A Personalized Adviser-Interpreter System for Monitoring Diabetic Patients' Weight Loss*. Studies in Health Technology and Informatics 01/2017; 245:379-383.
49. Amirabbas Azizi, Robab Aboutorabi, Zahra Mazloun-Khorasani, Benyamin Hoseini, Mahmood Tara: *Diabetic Personal Health Record: A Systematic Review Article*. Iranian Journal of Public Health 11/2016; 45(11):1388-98.
50. Kolsoum Deldar, Fatemeh Tara, Masoumeh Mirteimouri, Seyed Mahmood Tara: *Experiences of Obstetricians and Gynecologists in Teleconsultation with Medical Residents: A Qualitative Study*. Global Journal of Health Science 10/2016; 9(6):1., DOI:10.5539/gjhs.v9n6p1
51. Amirabbas Azizi, Robab Aboutorabi, Zahra Mazloun-Khorasani, Monavar Afzal-Aghaea, Hamed Tabesh, Mahmood Tara: *Evaluating the Effect of Web-Based Iranian Diabetic Personal Health Record App on Self-Care Status and Clinical Indicators: Randomized Controlled Trial*. JMIR Medical Informatics 10/2016; 4(4):e32., DOI:10.2196/medinform.6433
52. Masoumeh Kordi, Farzaneh Rashidi Fakari, Seyed Reza Mazloun, Talaat Khadivzadeh, Farideh Akhlaghi, Mahmoud Tara: *Comparison of the effect of web-based, simulation-based, and conventional training on the accuracy of visual estimation of postpartum hemorrhage volume on midwifery students: A randomized clinical trial*. 06/2016; 5(1):22., DOI:10.4103/2277-9531.184548
53. Ali Sanaeifar, Ahmad Faraahi, Mahmood Tara: *SEPHYRES 1: A Symptom Checker based on Semantic Pain Descriptors and Weight Spreading*. Applied Medical Informatics 04/2016; 38(3):105-116.
54. Amirabbas Azizi, Robab Aboutorabi, Zahra Mazloun-Khorasani, Monavar Afzal-Aghaea, Mahmood Tara: *Development, Validation, and Evaluation of Web-Based Iranian Diabetic Personal Health Record: Rationale for and Protocol of a Randomized Controlled Trial*. JMIR Research Protocols 03/2016; 5(1):e39., DOI:10.2196/resprot.5201
55. Hesam Karim, Kobra Etminani, S.Mahmod Tara, Marziye Mardani: *Identifying Factors Associated with Length of Hospital Stay Using Decision Tree*. Journal of Healthcare Administration 8 (61) 2015.
56. Hesam Karim, Seyed Mahmood Tara, Kobra Etminani: *Factors Associated with Length of Hospital Stay: A Systematic Review*. Iranian Journal of Medical Informatics 2(4) 2015.
57. Hesam Karim, S. Mahmood Tara, Kobra Etminani: *Factors Associated with Length of Stay Based on Admission Data in Emam-Reza and Ghaem Hospitals of Mashhad*. Journal of Health Information Management 12(4) 2015
58. Mostafa Kamali, Mahmood Tara, Mohsen Mouhebat, Amirabbas Azizi, Behzad Kiani, Mohammadreza Hasibian: *Designing and Evaluation of the Local Cardiovascular Terms Coding System Based on Concept Mapping*. Journal of Biomedical and Health Informatics 01/2015; 1(2):83-94.
59. Majid Jangi, Amirabbas Azizi, Mostafa Kamali, Mahmood Tara: *Systematic Design of the Minimum Data Set Storage: An Essential Need to Create Purposed for Archiving*. Journal of Biomedical and Health Informatics 01/2015; 1(2):112-120.
60. F.R. Fakari, M. Kordi, S.R. Mazloom, T. Khadivzadeh, M. Tara, F. Akhlaghi: *Comparing the effect of traditional, web based and simulation training on midwifery students' clinical competence in postpartum hemorrhage management*. Journal of Mazandaran University of Medical Sciences 01/2015; 25(123):67-79.
61. Kordi M, Rashidi Fakari F, Khadivzadeh T, Mazloun. SR, Akhlaghi F, Tara M. *Effects of Web-based Training and Educational Simulation on Midwifery Students' Self-Confidence in Postpartum Hemorrhage Management*. Journal of Midwifery Reproductive Health 3(1) 2015

CONFERENCE PRECEEDINGS

1. Majid Jangi, Mahmoud Tara, Kolsoum Deldar: *Determine the Important of Kidney Transplantation Items in Selected Countries and Iran (Application Registry)*. First

International Congress of Diseases and Health Outcome Registry and First National Congress of Medical Informatics, Iran; 10/2017, DOI:10.26415/2572-004X-vol1iss4p126-127

2. Azade Kamel Ghalibaf. Mahmood Tara: *A Personalized Adviser-Interpreter System for Monitoring Diabetic Patients' Weight Loss*. MedInfo 2017, Hangzhou, China; 08/2017

BOOKS/BOOK CHAPTERS

1. Mahmood Tara: *Aspects of Information Tailoring in the 21st Century*. Encyclopedia of Information Science and Technology, Third edition. Edited by Mehdi Khosrow-Pour, 07/2014; IGI., ISBN: 9781466658882, DOI:10.4018/978-1-4666-5888-2.ch398
2. Mahmood Tara: *Semantic Web Architecture to Provide E-Health Content and Services*. Ubiquitous Health and Medical Informatics: The Ubiquity 2.0 Trend and Beyond, 2010 edited by Sabah Mohammed (Lakehead University, Canada) and Jinan Fiaidhi (Lakehead University, 04/2010: chapter 2010: pages 25; IGI Global., ISBN: 9781615207770, DOI:10.4018/978-1-61520-777-0.ch012

RESEARCH PROJECTS

1. M Tara, S Hashtarkhani. Design and Evaluation of an Electronic Allocation Model for EMS Ambulance Services Using GIS. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2018-Continued
2. M Tara, Z Ebn Hosseini. *A Systematic development and evaluation a Hospital Information Systems Evaluation Framework*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2015-Continued
3. AH Takian, M Tara, M. Mousavi. *Systematic Design of Required Policy to Develop Master Architecture of Iran eHealth System*. School of Public Health. Tehran University of Medical Sciences. 2015-Continued
4. M Tara, M. Mir Teymoor, N Sharifzadeh. *Designing and evaluating a serious game to improve the skill indicators of Mashhad and Zahedan obstetrician residents in the uterine arteries ligation*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2017-2019
5. M Tara, AK Ghalibaf. *The development and evaluation of a system that generates individualized educational documents for diabetic patients type 2*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2014-2019
6. M Tara, H Tara, B Kiani. *Designing and Evaluating a Semantic-Network Based Model to Provide Online Health Services Information for Chronic Kidney Diseases Patients*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2013-2017
7. M Tara, K Deldar. *Development and Evaluation of a Teleconsultation Model to Manage the High-Risk Pregnancies*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2013-2017
8. M Tara, B Hosseini. *A systematic review of the literature for seeking required variables to design an integrated index of access to dialysis facilities*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2014-2016
9. M Tara, A Faraahi, A Sanaeifar. *SEPHYRES: A Medical Diagnosis Model based on Semantic Pseudo-Fuzzy Plan*. Payam-Noor University. 2012-2014
10. M Tara, S Houshafza. *Design and Evaluation of a Screening Tests Visualization Model for Consumers*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2014-2016

11. M Tara, S Mohammad Ebrahimi. *Development and Evaluation of a Tool to Assess and Accredited Persian Health Websites*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2014-2016
12. M Tara, R Abutorabi, AA Azizi. *Designing and Evaluating a Diabetic Personal Health Record Model using Evidence-based Clinical Archetype to Improve Diabetic Patient Management*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2012-2016
13. M. Kordi, M Tara, F Rashidi. *Comparison of Web based training, simulation-based training in clinical skills center and lecture on midwifery students' clinical competency to manage postpartum Hemorrhage*. School of Nursing. Mashhad University of Medical Sciences. 2012-2014
14. M Tara, T. Samimi. *Evaluating the Information Adequacy of the Clinical Morning Reports in the Departments of Gynecology and Obstetrics and its Improvement by a Structured Reporting Model*. Supervised by Tara M. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2013-2015
15. MR Hassibian, M Tara, M Kamali. *Designing and Evaluation of the Local Cardiovascular Terms Coding System Based on Concept Mapping*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2012-2014
16. M Tara, K Etminani, H Karim. *Factors Affecting Hospital Length of Stay*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2012-2014
17. M Tara, Z Mazloom, M Babaei. *Design and Evaluation of a Diabetes Care Follow-up Card*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2011-2013
18. M Tara, M Jangi. *Designing and Evaluation of a Multi-layer Electronic Archive Model with Defined Access to Improve Security and Confidentiality of Medical Records*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2010-2012
19. M Tara, H Tara, S Dorri. *Design and Evaluation of a Multi-strainer Framework to Build a Local Knowledge Contents Bank for Kidney Transplant Patients*. Department of Medical Informatics. School of Medicine. Mashhad University of Medical Sciences. 2010-2012

RESEARCH INTERESTS

1. Medical Knowledge/Meta-knowledge Engineering, including decision support design
2. Usability Design in eHealth Artifacts
3. AI-based Design for Smartness
4. eHospital and Smart Hospital
5. Data Visualization and Analytics

PERSONAL INTEREST

Podcast, Photography, Bicycling, Camping, and Hiking

LANGUAGES

Persian (Native), English (Advanced), Turkish (beginner to Intermediate), Arabic (Pre-intermediate)