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EDUCATION

Fellowship, Medical Informatics, Technical University Braunschweig and Hannover Medical School, Braunschweig, Germany, 2021-2023.

PhD, Informatics, The University of Manchester, School of Computer Sciences, Department of Machine Learning & Optimization, Manchester, UK, 2007-201.

MSc, Health Services Management, Iran University of Medical Sciences, School of Health Services Management and Information Sciences, Tehran, Iran. 1999-2002.

BSc, Public Health, Iran University of Medical Sciences, School of Health, Tehran, Iran. 1995- 1999

POST GRADUATE TRAINING

Skills and Experiences:

Teaching Subject Experiences:

o Data Mining and Knowledge Discovery Methods, since 2015.

o Intelligent Information Systems, since 2016.

o Research Design in Medical Informatics, since 2012.

o Programming and Data Structure, since 2018

o Health Informatics, since 2015

Short Courses / Workshops:

PRIVATE PRACTICE

Awards

Student Quality Funds (Studienqualitatsmittel (SQM)) from TU Braunschweig in SS2023, Braunschweig, Germany.

Best paper award for the best oral presentation, The 20th International Conference on Informatics, Management and Technology, ICIMTH 2022, Athens, Greek.

Merit award (student) for the best oral presentation, World Congress on Engineering and Computer Science, October 2009, San Francisco, USA.

Research Fellow, Peter Reichert Institute of Medical Informatics (PLRI), at TU Braunschweig and Hanover Medical School, Germany.

Associate Professor, Department of Health Information Management, School of Allied Medical Sciences, Tehran University of Medical, 7/2018-Present.

Assistant Professor, Department of Health Information Management, School of Allied Medical Sciences, Tehran University of Medical, 7/2015-7/2018.

Assistant Professor, Department of Public Health, School of Health, Ahvaz Jundishapur University of Medical Sciences, 7/2012-6/2015.

Administrator& Health Team Coordinator of Health Staff at Family Health Unit for 3 Years in Deputy of Health at Kurdistan University of Medical Sciences, 2003-2006.

Healthcare Provider at Family Clinic for pregnant women and under 5 children monitoring, Kamyaran (urban and rural health care centres), Kurdistan, 1999-2000.3

Merit award (student) for the best poster presented to the International Congress of Children Traffic Road

Injuries, May 2015, Shiraz, Iran.

First Class Honour Student in Master Degree from Iran University of Medical Sciences, 2002

Granted Funding

o Unobtrusive Monitoring of Early Warning Scores (EWS) in Smart Homes and Smart Cars to Predict Health Deterioration of Elderly People granted by PLRI, Germany,2023, completed.

o Design and evaluation of a remote monitoring system for gastric and colorectal cancer patients after surgery, granted by TUMS, 2021, completed.

o development and deployment of a remote care system for surgical patients with gastric and colorectal cancers (Survivor Care), granted by TUMS,2021, in progress.

o Electronic System Development for Data Registration and High-Risk infant follow-up, granted by TUMS,2021, completed.

o Modelling the prediction of COVID-19 activity level using Twitter Social Network, granted by TUMS,2021, in progress.

o Registry system development for disease treated by stem cells granted by TUMS,2020, in progress.

o COVID-19 data analysis to classify patients at triage using machine learning methods, granted by TUMS, 2020, in progress.

o Artificial intelligence application to manage COVID-19 patients at ICU, granted by TUMS, 2020, in progress.

o The systematic review of social media data analysis to manage pandemic of emerging viral infection, granted by TUMS, 2020, in progress.

o The evaluation of developed mobile apps in Persian language in the area of COVID-19), granted by TUMS,2021, in progress.

o Design, Creation and Evaluation of Intelligent Registry System for Drug Poisoning in Kerman province, granted by TUMS,2021, completed.

o To design, create and evaluate a system to estimate reproductive number and predict Influenza Incidence rate, granted by TUMS,2021, completed.

o National Project of "Hospital Data (NASBOD), 2012–2015, NCDRC, granted by TUMS, completed.

o Predictive model development to classify under 5-year-old children for unintentional home injury 2013-2015, granted by AJUMS, completed.

o Prognosis Analysis of Liver Fibrosis among Chronic Hepatitis B Patients Using Markov Chain Model, granted by TUMS, 2019, completed.

o Reproductive number estimation and prediction of incidence rate of Influenza, granted by TUMS, 2019, in progress.

o Home care electronic information management system development through applying wireless devices for frail elderly, granted by TUMS, 2018, completed.

MEDICAL AND SCIENTIFIC SOCIETIES

Offices

Director of Research affairs at School of Allied Medical Sciences, Tehran University of Medical Sciences, Tehran, Iran, 10/2023- present.

Director of Internationalization at School of Allied Medical Sciences, Tehran University of Medical Sciences, Tehran, Iran, 1/2020-present.

Director of Research affairs at School of Allied Medical Sciences, Tehran University of Medical Sciences, Tehran, Iran, September, 9/2018-3/2020.

Founder and Member of Research Incubator Centre Board (iCAMS) at School of Allied Medical Sciences of Tehran University of Medical Sciences, 11/2018-6/2020.

PI of National Project of "Hospital Data" as a part of the study of burden of disease, Injuries and risk factors estimation in National and sub-national levels in Iran (NASBOD), 3/2012-8/2016.

Director of Student Research Committee at School of Health, Ahvaz Jundishapur University of Medical Sciences, 4/2013-7/2015.

UNICEF representative in Kurdistan University of Medical Sciences and the manager of 5-provinces project for Iranian children's health improvement, run by UNICEF Iran, 2002-2005.

COMMITTEE APPOINTMENTS

POST DOCTORIAL CONFERENCES

PUBLICATIONS

1. S. Rostam Niakan Kalhori, M. Rahmani Katigari*, T. Talebi Azadboni, S. Pahlevanynejad, and R. Hosseini Eshpala, "The effect of m-health applications on self-care improvement in older adults: A systematic review," Informatics for Health and Social Care, vol. 3, no. 1, p. 1-41, 2023.

2. Tanhapour, M., M. Tanhapour, M. Peimani, S. Rostam Niakan Kalhori, E. Nasli Esfahani, H. Shakibian, N. Mohammadzadeh, M. Ghorbani, "The effect of personalized intelligent digital systems for self-care training on type II diabetes: a systematic review and meta-analysis of clinical trials". Acta Diabetologica, 2023: p. 1-33.

3. S. Rostam Niakan Kalhori, T. M. Deserno, J. Soleiman, and S. Kasiri Habibabadi, "Data Sharing Platform for MIMIC-IV and MIMIC-ED Data Marts: Designing a Data Retrieving System Based on the Intra-Hospital Patient Transfer Pathway," in Caring is Sharing–Exploiting the Value in Data for Health and Innovation: IOS Press, 2023, pp. 98-102.

4. S. Saeedi, S. Rezayi, H. Keshavarz, and S. Rostam Niakan Kalhori, "MRI-based brain tumor detection using convolutional deep learning methods and chosen machine learning techniques," BMC Medical Informatics and Decision Making, vol. 23, no. 16, pp. 1-17, 2023.

5. S. Saeedi, S. Rezayi, H. Keshavarz, and S. Rostam Niakan Kalhori, "A Clinical Decision Support System of Brain Tumor Classification Using Deep Learning Based on Image Processing," Journal of Biomedical Physics & Engineering, vol. 13, 2023.5

6. S. Rostam Niakan Kalhori, T. Deserno, M. Haghi, and N. Ganapathy, "A protocol for a systematic review of electronic early warning/track-and-trigger systems (EW/TTS) to predict clinical deterioration: Focus on automated features, technologies, and algorithms," PLOS ONE, vol. 36, no. 3, pp. 1-11, 2023.

7. S. Pahlevanynejad, S. Rostam Niakan Kalhori, M. R. Katigari, and R. H. Eshpala, "Personalized mobile health for elderly home care: a systematic review of benefits and challenges," International Journal of Telemedicine and Applications, vol. 2023, 2023.

8. S. Heydarian, A. Shakiba, and S. Rostam Niakan Kalhori*, "The Minimum Feature Set for Designing Mobile Apps to Support Bipolar Disorder-Affected Patients: Proposal of Essential Functions and Requirements," Journal of Healthcare Informatics Research, pp. 1-23, 2023.

9. T. Baniasadi, M. Hassaniazad, S. Rostam Niakan Kalhori, M. Shahi, and M. Ghazisaeedi, "Developing a mobile health application for wound telemonitoring: a pilot study on abdominal surgeries postdischarge care," BMC Medical Informatics and Decision Making, vol. 23, no. 1, pp. 1-13, 2023.

10. S. M. Ayyoubzadeh, T. Baniasadi, M. Shirkhoda, S. Rostam Niakan Kalhori, and et al., "Remote

Monitoring of Colorectal Cancer Survivors Using a Smartphone App and Internet of Things–Based Device: Development and Usability Study," JMIR Cancer, vol. 9, no. 2023;9: e42250, pp. 1-11, 2023.

11. M. Tanhapour and S. Rostam Niakan Kalhori, "Early Warning System for Emergency Care: Designing a Timely Monitoring Mobile-Based System," in Accident and Emergency Informatics: IOS Press, 2022, pp. 88-102.

12. M. Tanhapour, L. Keikha, K. Maghooli, and S. Rostam Niakan Kalhori, "Determining the progression stages of liver fibrosis in patients with chronic hepatitis B(In Persian)," Koomesh, Journal of Semnan University of Medical Sciences, vol. 24, no. 5, pp. 639-647, 2022.

13. M. Taheriyan, S. SafaeiNodehi, S. Rostam Niakan Kalhori, and N. Mohammadzadeh, "Minimum dataset development for Hematopoietic stem cell transplantation (HSCT) recipient registry in Iran," 2022.

14. M. Taheriyan, S. Safaee Nodehi, S. Rostam Niakan Kalhori, and N. Mohamadzadeh, "A systematic review of the predicted outcomes related to hematopoietic stem cell transplantation: focus on applied machine learning methods' performance," Expert Review of Hematology, 2022.

15. M. Taheriyan, S. M. Ayyoubzadeh, M. Ebrahimi, S. Rostam Niakan Kalhori*, A. H. Abooei, M. Gholamzadeh, et al., "Prediction of COVID-19 Patients' Survival by Deep Learning Approaches," Medical Journal of The Islamic Republic of Iran (MJIRI), vol. 36, no. 1, pp. 1099-1106, 2022.

16. S. Saeedi, S. Rostam Niakan Kalhori, S. Rezayi, M. Tanhapour, and M. Gholamzadeh, "Medical Informaticians' Skills and Competencies to Achieve Roles and Opportunities: A Qualitative Study," in Digital Professionalism in Health and Care: Developing the Workforce, Building the Future: IOS Press, 2022, pp. 66-72.

17. S. Rostam Niakan Kalhori and T. Deserno, "Requirement Analysis for an Intelligent Warning System to Alarm the Rapid Response Team Prior to Patient Deterioration," in Studies in Health Technology and Informatics, 2022, vol. 295: IOS Press, pp. 5-11.

18. S. Rostam Niakan Kalhori, "Towards the Application of Machine Learning in Emergency Informatics," ed, 2022, p. 13.

19. S. Rezayi, S. Rostam Niakan Kalhori, and S. Saeedi, "Effectiveness of Artificial Intelligence for Personalized Medicine in Neoplasms: A Systematic Review," BioMed Research International, vol. 2022, no. 3, p. 34, 2022.6

20. S. Rezayi, M. Ghazisaeedi, S. Rostam Niakan Kalhori, and S. Saeedi, "Artificial Intelligence Approaches on X-ray-oriented Images Process for Early Detection of COVID-19," Journal of Medical Signal Sensors, vol. 2022, no. 12, pp. 233-53, 2022.

21. R. Nouri, R. Salari, S. Rostam Niakan Kalhori, S. M. Ayyoubzadeh, and M. Gholamzadeh, "Persian mobile health applications for COVID-19: A use case-based study," Journal of Education and Health Promotion, vol. 11, no. 1, p. 100, 2022.

22. S. Goharinejad, S. Rostam Niakan Kalhori*, Salari, and M. Ebrahimi, "Design and Validation of an Assessment Tool to Determine the Level of Self-Care of Patients Affected by Diabetes Type II," 2022 (in Persian).

23. H. Ghazal, A. Alshammari, A. Taweel, A. ElBokl, C. Nejjari, D. Alhuwail, S. Rostam Niakan Kalhori, et al., "Middle East and North African Health Informatics Association (MENAHIA)," Yearbook of Medical Informatics, vol. 31, no. 01, pp. 354-364, 2022.

24. A. Banaye Yazdipour, S. Rostam Niakan Kalhori, H. Bostan, H. Masoorian, E. Ataee, and H. Sajjadi, "Effect of social media interventions on the education and communication among patients with cancer: a systematic review protocol," BMJ Open, vol. 12, no. 11, pp. 1-4, 2022.

25. S. Zakerabasali, R. Safdari, M. Kadivar, S. Rostam Niakan Kalhori, M. Mokhtaran, Z. Karbasi, et al., "Neonatal abstinence syndrome: a systematic review of current databases and registries," The Journal of Maternal-Fetal & Neonatal Medicine, vol. 34, no. 6, pp. 979-992, 2021.

26. G. A. Shirali, D. K. Afshin, K. A. Angali, and S. Rostam Niakan Kalhori, "Modelling and assessing the influence of organizational culture norms on safety culture using Bayesian networks approach: the case of an oil industry," International Journal of System Assurance Engineering and Management, vol. 13, no. 1, pp. 304-317, 2021.

27. R. Salari, S. Rostam Niakan Kalhori, M. GhaziSaeedi, M. Jeddi, M. Nazari, and F. Fatehi, "Mobilebased and cloud-based system for self-management of people with type 2 diabetes: Development and usability evaluation," Journal of medical Internet research, vol. 23, no. 6, p. e18167, 2021.

28. S. Rostam Niakan Kalhori, M. Tanhapour, and M. Gholamzadeh, "Enhanced childhood diseases treatment using computational models: Systematic review of intelligent experiments heading to precision medicine," 2021.

29. S. Rostam Niakan Kalhori, K. Bahaadinbeigy, K. Deldar, M. Gholamzadeh, S. Hajesmaeel-Gohari, and S. M. Ayyoubzadeh, "Digital health solutions to control the COVID-19 pandemic in countries with high disease prevalence: literature review," Journal of medical Internet research, vol. 23, no. 3, p. e19473, 2021.

30. M. H. Koolaee, L. Shahmoradi, S. Rostam Niakan Kalhori, H. Ghannadan, and E. Younesi, "Evidencebased mechanistic integrative modeling of stroke risk factors: A translational research study," Frontiers in Health Informatics, vol. 10, no. 1, p. 63, 2021.

31. S. Rostam Niakan Kalhori, M. Tanhapour, and M. Gholamzadeh, "Enhanced childhood diseases treatment using computational models: Systematic review of intelligent experiments heading to precision medicine," Journal of Biomedical Informatics, vol. 115, p. 103687, 2021.

32. M. Habibi-Koolaee, L. Shahmoradi, S. Rostam Niakan Kalhori, H. Ghannadan, and E. Younesi, "STO: Stroke Ontology for Accelerating Translational Stroke Research," Neurology and Therapy, vol. 10, no. 1, pp. 321-333, 2021.7

33. M. Habibi-Koolaee, L. Shahmoradi, S. Rostam Niakan Kalhori, H. Ghannadan, and E. Younesi, "Evidence-based Mechanistic Integrative Modeling of Stroke Risk Factors: a Translational Research Study, 2021.

34. M. Gholamzadeh, S. M. Ayyoubzadeh, H. Zahedi, and S. Rostam Niakan Kalhori*, "Classification of Chest Radiology Images in Order to Identify Patients with COVID-19 Using Deep Learning Techniques," Payavard Salamat, Vol. 15 Issue 3, p291-302. 12p., (In Persian).

35. M. Esmaeili, S. M. Ayyoubzadeh, Z. Javanmard, and S. Rostam Niakan Kalhori, "A systematic review of decision aids for mammography screening: Focus on outcomes and characteristics," International Journal of Medical Informatics, vol. 1, no. 1, pp. 1-9, 2021.

36. P. Eslami, S. Rostam Niakan Kalhori, and M. Taheriyan, "eHealth solutions to fight against COVID-19: A scoping review of applications," Medical Journal of the Islamic Republic of Iran, vol. 35, p. 43, 2021.

37. T. Baniasadi, M. Hassaniazad, M. Ghazisaeedi, A. Salimi-lahiji, S. Rostam Niakan Kalhori, and M. Shahi, "Remote Surveillance of SSIs in Abdominal Surgeries with Mobile Health Application," Journal of Biomedical Physics & Engineering, vol. 11, 2021.

38. M. Babaei, S. Rostam Niakan Kalhori, S. Sheybani, and H. Karim, "A fuzzy rule-based expert system to determine Propofol drug dosage in anesthesia," Frontiers in Health Informatics, vol. 10, no. 1, p. 89, 2021.

39. S. Ayyoubzadeh, A. Almasizand, S. Rostam Niakan Kalhori, T. Baniasadi, and S. Abbasi, "Early breast cancer prediction using dermatoglyphics: data mining pilot study in a general hospital in Iran,"

Health Education and Health Promotion, vol. 9, no. 3, pp. 279-285, 2021.

40. R. Atlasi, A. Noroozi Chakoli, S. Rostam Niakan Kalhori, S. Moradi, and R. Naemi, "Design and Validation of the Conceptual Model of Scientometric System in Research Centers," Journal of Scientometric Research, vol. 10, no. 2, pp. 175-183, 2021.

41. S. Zakerabasali, S., R. Nayeri, R. Safdari, S. Rostam Niakan Kalhori, et al. "Development and validation of the Neonatal Abstinence Syndrome Minimum Data Set (NAS-MDS): a systematic review, focus group discussion, and Delphi technique," The Journal of Maternal-Fetal & Neonatal Medicine, vol. 12, no. 1, pp. 1-9, 2020.

42. S. Salehinejad, S. Rostam Niakan Kalhori, S. Hajesmaeel-Gohari, K. Bahaadinbeigy, and F. Fatehi, "A review and content analysis of national apps for COVID-19 management using Mobile Application Rating Scale (MARS)," Informatics for Health and Social Care, vol. 1, no. 1, pp. 1-14, 2020.

43. R. Salari, S. Rostam Niakan Kalhori, M. GhaziSaeedi, M. Jeddi, and F. Fatehi, "Development and usability evaluation of a mobile-based and cloud-based system for self-management of people with type 2 Diabetes," Journal of Medical Internet Research, vol. 54, no. 25, pp. 68-72, 2020.

44. R. Nopour, M. Shirkhoda, and S. Rostam Niakan Kalhori, "Decision Model Making for Colorectal Cancer Screening Based on Risk Determination," Payavard Salamat, vol. 14, no. 2, pp. 163-175, 2020.

45. E. S. Mousavinasab, S. Rostam Niakan Kalhori, N. Zarifsanaiey, M. Rakhshan, and M. Ghazisaeedi, "Nursing process education: A review of methods and characteristics," Nurse Education in Practice, vol. 48, p. 102886, 2020.

46. M. R. Moradi, S. Rostam Niakan Kalhori, M. G. Saeedi, M. R. Zarkesh, A. Habibelahi, and A. H. Panahi, "Designing a Remote Closed-Loop Automatic Oxygen Control in Preterm Infants," Iranian Journal of Pediatrics, Vol 30, Issue 4, Page e101715.8

47. Z. Karbasi and S. Rostam Niakan Kalhori, "Application and evaluation of virtual technologies for anatomy education to medical students: A review," Medical Journal of the Islamic Republic of Iran (MJIRI), vol. 34, no. 163, pp. 1-8, 2020.

48. S. Rostam Niakan Kalhori, M. Hemmat, T. Noori, S. Heydarian, and M. R. Katigari, "Quality Evaluation of English Mobile Applications for Gestational Diabetes: App Review Using Mobile Application Rating Scale (MARS)," Current diabetes reviews, vol. 16, no. 1, pp. 1-10, 2020.

49. S. H. Gohari, K. Bahaadinbeigy, S. Tajoddini, and S. Rostam Niakan Kalhori, "Drug poisoning management using smartphones: an apps review study based on use case classification model," BMJ Innovations, vol. 6, no. 4, 2020.

50. S. H. Gohari, K. Bahaadinbeigy, S. Tajoddini, and S. Rostam Niakan Kalhori, "Effect of Computerized Physician Order Entry and Clinical Decision Support System on Adverse Drug Events Prevention in the Emergency Department: A Systematic Review," Journal of Pharmacy Technology, no. 00, pp. 1-9, 2020.

51. B. Farzanegan, R. Farzanegan, M. Behgam Shadmehr, S. Lajevardi, and S. Rostam Niakan Kalhori, "Prediction of Patient's Adherence to the Post-Intubation Tracheal Stenosis Follow-up Plan in Iran: Application of two Data Mining Techniques," TANAFFOS, vol. 19, no. 4, pp. 330-339, 2020.

52. T. Baniasadi, M. G. Saeedi, M. Hassaniazad, S. Rostam Niakan Kalhori, M. Shahi, and M. Esmaeili, "Surgical Patients Follow-Up by Smartphone-Based Applications: A Systematic Literature Review," dHealth, vol. 271, pp. 85-92, 2020.

53. T. Baniasadi, H. Mehdi, S. Rostam Niakan Kalhori, M. Shahi, and M. Ghazisaeedi, "Optimized Patients' Length of Hospital Stay with Interventions Based on Health Information Technology: A Review Study," Biomedical Informatics for Health and Care, vol. 2, no. 3, pp. 1-9, 2020.

54. S. M. Ayyoubzadeh, S. Rostam Niakan Kalhori, M. Shirkhoda, N. Mohammadzadeh, and M. Esmaeili, "Supporting colorectal cancer survivors using eHealth: a systematic review and framework

suggestion," Supportive Care in Cancer, no. 00, pp. 1-6, 2020.

55. S. M. Ayyoubzadeh, M. Ghazisaeed, S. Rostam Niakan Kalhori, M. Hassaniazad, T. Baniasadi, K. Maghooli, et al., "A study of factors related to patients' length of stay using data mining techniques in a general hospital in southern Iran," Health Information Science and Systems, vol. 8, no. 9, pp. 1-11, 2020.

56. S. M. Ayyoubzadeh, S. M. Ayyoubzadeh, H. Zahedi, M. Ahmadi, and S. Rostam Niakan Kalhori*, "Predicting COVID-19 Incidence Through Analysis of Google Trends Data in Iran: Data Mining and Deep Learning Pilot Study," JMIR Public Health Surveill, vol. 6, no. 2, pp. 1-9, 2020.

57. A. Yazdani, R. Safdari, A. Golkar, and S. Rostam Niakan Kalhori, "Words prediction based on Ngram model for free-text entry in electronic health records," Health Information Science and Systems, vol. 7, no. 6, pp. 10-16, 2019.

58. G. A. Shirali, T. Hosseinzadeh, and S. Rostam Niakan Kalhori, "Modifying a method for human reliability assessment based on CREAM-BN: A case study in control room of a petrochemical plant," MethodsX, vol. 6, pp. 300-315, 2019.

59. A. Shamsabadi, A. Delbari, A. Siar Sadr, E. Mehraeen, N. Mohammadzadeh, and S. Rostam Niakan Kalhori*, "Questionnaire development and validation for designing a health telemonitoring system for frail elderly people," Digital Health, vol. 5, no. 1, pp. 1-11, 2019.9

60. A. Sedighnia, S. Rostam Niakan Kalhori, and A. a. Hanafi_Bojd, "Tuberculosis incidence predicting system using time series neural network in Iran," Medical School Journal of Tehran University of Medical Sciences, vol. 77, no. 4, pp. 216-221, 2019.

61. R. Salari, S. Rostam Niakan Kalhori, F. Fatehi, M. Ghazisaeedi, and M. Nazari, "Determining the minimum set of features for diabetes mobile apps," Journal of Diabetes & Metabolic Disorders, vol. 18, no. 2, pp. 1-8, 2019.

62. R. Salari, S. Rostam Niakan Kalhori, M. Ghazisaeidi, and F. Fatehi, "Conformity of Diabetes Mobile Apps with the Chronic Care Model," BMJ Health & Care Informatics, vol. 26, no. e000017, pp. 1-6, 2019.

63. S. Rostam Niakan Kalhori, M. Ghazisaeedi, R. Azizi, and A. Naserpour, "Studying the influence of mass media and environmental factors on influenza virus transmission in the US Midwest," Public Health, vol. 170, no. E-published ahead of print, pp. 17-22, 2019.

64. A. Naserpor, S. Rostam Niakan Kalhori, M. Ghazisaeedi, R. Azizi, M. Hosseini Ravandi, and S. Sharafie, "Modification of the Conventional Influenza Epidemic Models Using Environmental Parameters in Iran," HealthCare Informatics Research, vol. 25, no. 1, pp. 27-32, 2019.

65. N. Narimani, S. Rostam Niakan Kalhori, F. Zamani-Alavijeh, H. Mohamadian, and A. Salahshouri, "Which Social Factors Affect the Exacerbation and Modification of Risky Behavior Motorcyclists? The Results of an Analytical Study in Tehran (In Persian)," Journal of Health System Research, vol. 14, no. 4, pp. 480-486, 2019.

66. Z. Mahmoudvand, S. Shadnia, S. Rostam Niakan Kalhori, M. Zahmatkeshanm, and M. Ghazisaeedi, "Data Requirements for Information Management System Development for Poisoning with Acidic and Alkaline Substances," ACTA INFORMATICA MEDICA, vol. 27, no. 1, pp. 29-34, 2019.

67. Z. Mahmoudvand, S. Shadnia, S. Rostam Niakan Kalhori, and M. Ghazisaeedi, "Clinical Decision Support Systems: Effective Solution for Diagnosis, Treatment, and Management of Patients Affected by Poisoning," Iranian Journal of Public Health, vol. 48, no. 7, pp. 1382-1383, 2019.

68. H. Karim, M. Hossieni_Ravandi, Zandesh, Zahra, A. Naserpoor, M. Yaseni, S. Rostam Niakan Kalhori, and E. Mousavinasab, "A unique framework for the Persian clinical guidelines: addressing an evidence-based CDSS development need," BMJ Evidence-Based Medicine, pp. 1-10, 2019.

69. S. Hajesmaeel-Gohari, K. Bahaadinbeigy, S. Tajoddini, and S. Rostam Niakan Kalhori, "Minimum

data set development for a drug poisoning registry system," Digital Health, vol. 5, pp. 1-13, 2019.

70. S. Hajesmaeel Gohari, E. Gozali, and S. Rostam Niakan Kalhori, "Virtual reality applications for chronic conditions management: A review," Medical Journal of the Islamic Republic of Iran (MJIRI, vol. 33, no. 1(2-2019), pp. 1-9, 2019.

71. M. Ghazi Saeedi, M. Amin Esmaeili, S. Rostam Niakan Kalhori, and M. S. Askari, "Informational Requirements of a Mobile-Based System to Manage the Treatment of Stimulant Abusers," Payavard Salamat, vol. 13, no. 2, pp. 123-133, 2019, (in Persian).

72. M. Ghazi Saeedi, M. Akhlaghi Kalahroodi, S. Rostam Niakan Kalhori, and E. Omidvari Abarghuei, "Identifying System Information Requirements: The First Step in Designing a Registration System for Patients with Rheumatoid Arthritis, "Journal of Payavard Salamat, vol. 12, no. 5, pp. 0-0, 2019, (in Persian).

73. T. Baniasadi, M. Ghazisaeedi, M. Hassaniazad, S. Rostam Niakan Kalhori, and M. Shahi, "A study of factors affecting on patients' length of stay in a surgical ward: Toward optimization by technologybased solutions," 2019.10

74. S. Abhari et al., "A Systematic Review of Nutrition Recommendation Systems: With Focus on Technical Aspects," Journal of Physics and Engineering, vol. 9, no. 6, pp. 591-602, 2019.

75. S. Abhari, S. Rostam Niakan Kalhori, M. Ebrahimi, H. Hasannejadasl, and A. Garavand, "Artificial Intelligence Applications in Type 2 Diabetes Mellitus Care: Focus on Machine Learning Methods," Healthcare Informatics Research, vol. 25, no. 4, pp. 248-261, 2019.

76. H. Tohidinik, M. Mohebali, M. A. Mansournia, S. Rostam Niakan Kalhori, M. Ali-Akbarpour, and K. Yazdani, "Forecasting zoonotic cutaneous leishmaniasis using meteorological factors in eastern Fars province, Iran: A SARIMA Analysis," European Journal of Tropical Medicine and International Health, 2018.

77. S. Seyedfarajollah, F. Nayeri, S. Rostam Niakan Kalhori, M. Ghazisaeedi, and L. Keikha, "The Framework of NICU-discharge Plan System for Preterm Infants in Iran: Duties, Components and Capabilities," ACTA INFORM MED, vol. 26, no. 1, pp. 46-50, 2018.

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RESEARCH PROJECTS

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