Last Name: **Eslami (Hassanabadi)**
First Name: **Saeid**

E-mail address: **eslamis@mums.ac.ir; s.eslami.h@gmail.com**

Personal Information

Marital status: Married
Birth date: 02-05-1974/12-02-1353
Place of Birth: Mashhad, Iran

Education

Ph.D. and Research Fellow

2004-2012 — Department of Medical Informatics, Faculty of Medicine, University of Amsterdam, Amsterdam, The Netherlands

Thesis title: "Pharmacotherapy and patient safety in intensive care: impact of guideline-base decision support"

Fellowship 1: Safety & quality of care in intensive care

Fellowship 2: Safety & quality of care of elderly

Pharm.D. (Doctor of Pharmacy)

1992-2000 — School of Pharmacy, Mashhad University of Medical Sciences, Mashhad, IRAN

Thesis title: "Design and Programming Multimedia database of drug information for the Iranian formulary"

Technical Experience

- ✓ Programming with Visual Basic 6 (professional level), particularly medical and pharmaceutical applications.
- ✓ Database programming with Visual Basic 6 and SQL
- ✓ Network Design with Windows NT & Advanced Server 2000 (good level)
- ✓ Hardware and computer assembly (level: good)

Teaching Experience

- ✓ Computer applications in pharmacy (for Ph.D. students in pharmaceutical sciences), 2000-2001
- ✓ Informatics and Internet (for Ph.D. students in pharmaceutical sciences), 2000-2001
- ✓ Computer applications in pharmacy and medicine (for Pharm.D. students), 1998-2000
- ✓ Computer application in dentistry and medicine (for D.D.S. students), 2000
- ✓ Information and Internet (for Pharm.D. students), 1997-2000
- ✓ Evaluation of decision support application (Medical informatics students), Amsterdam, 2007-2009
- ✓ Supervising and co-supervising two Medical Informatics master students, Amsterdam, 2008-2009

- ✓ Evaluation in Medical Informatics (Medical informatics Ph.D. students), Mashhad, 2011-
- ✓ Management of Medical Informatics Projects (Medical informatics Ph.D. students), Mashhad, 2011-
- ✓ Information and Information Sources in Medicine (Ph.D. students), Mashhad, 2012-
- ✓ Information and Information Sources in Medicine (M.Sc. students), Mashhad, 2012-
- ✓ Hospital Pharmacy (Pharm.D. students), Mashhad, 2012-
- ✓ Statistics (Toxicology M.Sc. student) , Mashhad, 2012-
- ✓ Research design and informatics (Toxicology Ph.D. students), Mashhad, 2012-
- ✓ Computer (Toxicology Ph.D. students), Mashhad, 2012-
- ✓ Applied projects (Medical informatics M.Sc. students), Mashhad, 2012-
- ✓ Decision Support systems (Medical informatics M.Sc. students), Mashhad, 2012-
- ✓ Statistics by non-mathematical approach, Workshop, Mashhad, 2012
- ✓ Systematic review, Workshop, Mashhad, 2012
- ✓ Supervising and co-supervising more than 10 Medical Informatics Ph.D. and Master students, 2012-
- ✓ Supervising and co-supervising more than 5 pharmacy and medical doctorate student, 2012
- ✓ …

Awards

- ✓ Third prize of Health and Hygiene group in 20th Razi Medial Science Festival, Iran, 2014
- ✓ Third prize of the Academic Medical Center's safety projects, Amsterdam, The Netherlands, 2007
- ✓ Honor Researcher in Medical Informatics at Mashhad University of Medical Sciences, Mashhad, IRAN, 2002
- ✓ IT Consultant for President of Khorasan Province Food & Drug Administration, Mashhad, IRAN, 2001-2004
- ✓ Member of Information Technology Committee of Mashhad University of Medical Sciences, Mashhad, IRAN, 2000-2004
- ✓ Honor Student in Medical Informatics at Mashhad University of Medical Sciences, Mashhad, IRAN, 1998

Research Projects

- ✓ Design of a Post Liver Transplant Care Model and Assessing its Effect on Patients' Procedural Knowledge and self-reported Activation, Montaserieh Transplantation Center, 2016-
- ✓ Determination of users' expectations of Hospital Information System (HIS) using Concept Mapping Technique, 2015-
- ✓ Simulation of the changing effects of the aortomitral angle in causing mismatch, 2015-2016
- ✓ Assessing the effect of barcoding system on medication errors and staff satisfaction in Imam Reza and 22bahman training pharmacies in Mashhad, 2015-2016
- ✓ Designing a Clinical Registry for ICU Patients and Adopting,

Calibrating and Validating APACHE and SAPS Mortality Prediction Models for Intensive Care Units in Iran, 2013-

- ✓ Identifying relationships between severity of obstructive sleep apnea and recorded data on patient admission to sleep clinic – Based on data mining techniques, 2014-2016
- ✓ Temperature of blood packages during storage and transportation in hospital, 2014-2015
- ✓ Designing and Evaluating of an E-learning System for Pharm.D. Students on Reading the Medications in the Prescriptions, 2013-
- ✓ Effect of drug therapy on the continuity of care of patients with depressive and/or stress disorders, 2013-
- ✓ Designing and Evaluation of Feedbacks Based on Decision Support System on Frequency of Drug-Drug Interactions among Prescriptions in Mashhad, 2013-2016
- ✓ Evaluation of the quality of pharmaceutical services in community pharmacies, sources of information and level of knowledge of pharmacists in Mashhad and suggesting reform plans, 2013-2014
- ✓ Evaluating the sufficiency of the ultrasonography reports of patients suspected to NAFLD and developing a valid structured Reporting model, 2013-2014
- ✓ Effective factors in information exchange between patient and physician and suggesting IT based interventions to improve, 2013-2014
- ✓ Empowering pregnant woman by IT Interventions, 2012-2014
- ✓ Clinical decision support system for diagnosis of patients with Non-Alcoholic Fatty Liver Disease (NAFLD), 2012-2013
- ✓ Designing and evaluation of an IT-Based feedback system to change the behavior of general practitioners of Kerman province to reduce inappropriate parenteral corticosteroids prescription, 2012-2016
- ✓ Designing a registry for occupational hazards in hospitals and investigating the effect of reforms in the way of informing and education on clinical staff safety, 2012-2015
- ✓ Improving Care of Vulnerable Elders (ICOVE), 2009-
- ✓ Effect of four levels of computerized decision support (from non-critiquing and patient non-specific till critiquing and patient-specific) on adherence to aminoglycoside guideline; and frequency of errors and adverse drug events, 2004-
- ✓ Effect of two levels of decision support on antibiotics prescription - effectiveness and cost-benefit, 2004-
- ✓ Effect of a critiquing and non-critiquing decision support system for different target groups (physicians, nurses and both) on adherence to lung protective mechanical ventilation strategy, 2005-2011
- ✓ Effect of two levels of decision support (patient non-specific, patient specific) on adherence to guideline and glucose regulation, 2005-2011
- ✓ Systematic literature reviews on CPOE in outpatients, CPOE in inpatients, quality indicators for glucose regulation, decision support for glucose regulation, 2004 -2012
- ✓ Design and development of simulator software for reading prescriptions in pharmacies, 1998-2000
- ✓ Design and Programming a Windows-based software for Iranian Outpatient- and Inpatient-Pharmacies, 1994-2004
- ✓ Design and Programming multimedia database of drug information for

the Iranian formulary, 1998
- ✓ Design and Programming a Windows-based software for libraries of Mashhad University of Medical Sciences, Mashhad, IRAN, 1996

Courses and Workshops

- ✓ Great Survey Design, Amsterdam, The Netherlands, July 2012 – August 2012
- ✓ ATC/DDD methodology (organized by WHO), Oslo, Norway, June 2012
- ✓ Epidemiolgy (organized by European Renal Association - European Dialysis and Transplant Association), Amsterdam, The Netherlands, Jan-Feb 2012
- ✓ Better use of PubMed, Amsterdam, The Netherlands, Jan 2012
- ✓ Statistical computing in R, Amsterdam, The Netherlands, Nov 2011
- ✓ Longitudinal studies, Amsterdam, The Netherlands, 2010
- ✓ Prognostic models, Amsterdam, The Netherlands, 2010
- ✓ Introduction to Bioinformatics, Amsterdam, The Netherlands, Feb 2009
- ✓ Erasmus summer programme, Rotterdam, The Netherlands, Aug 13-31, 2007
  - Clinical Trials
  - Regression Analysis
  - Pharmaco-epidemiology
  - The why and how of readable articles
- ✓ Advanced Bio-statistics Amsterdam, The Netherlands, Sept 4-Oct 5, 2006
- ✓ Practical Bio-statistics, Amsterdam, The Netherlands, Oct-Nov, 2005
- ✓ Oral Presentation in English, Amsterdam, The Netherlands, 2005
- ✓ Scientific Writing in English for Publication-Writing to be read, Amsterdam, The Netherlands, Oct-Dec, 2005
- ✓ International Masterclass for Medical Informatics, Heidelberg/Heilbornn/Bad Wimpfen, Germany, July 16-20, 2005
- ✓ Health Informatics: the role of informatics in health care- the Amsterdam International Medical Summer School, Amsterdam, The Netherlands, July 11-23, 2004
- ✓ The Netherlands Medical Informatics Ph.D. days:
  - Utrecht, Jan, 2005
  - Mastricht, Jan, 2006
  - Nijmegen, Feb, 2007
  - Zeeland, March, 2008
  - Amsterdam, Jan, 2009
  - Zeeland, March, 2010
  - Amsterdam, March 2011
  - Breukelen, March 2014

Superviser or Co-superviser

Sheibani R, **Designing and evaluation of a Clinical Decision Support System to improve guideline adherence for treating patients with atrial fibrillation**, Medical Informatics PhD Thesis, Iran

Atashi A, **Designing a Clinical Registry for ICU Patients and Adopting, Calibrating and Validating APACHE and SAPS Mortality Prediction Models for Intensive Care Units in Iran**, Medical Informatics PhD Thesis, Iran

Vakili AH, **Designing and evaluating of rule engine based clinical decision support system on antibiotic prescription in outpatients and inpatients with respiratory tract infections**, Medical Informatics PhD Thesis, Iran

Nabovati E, **Designing and Evaluation of Feedbacks Based on Decision Support System on Frequency of Drug-Drug Interactions among Prescriptions in Mashhad**, Medical Informatics PhD Thesis, Iran

Sarbaz M, **Designing a web-based registry for occupational incidents in hospitals and investigating the effect of reforms in the way of informing and education on clinical staff safety**, Medical Informatics PhD Thesis, Iran

Aslani A, **Effects of Information Technology (information system and decision aid) on Empowering Pregnant Woman- Mashhad, 2012**, Medical Informatics PhD Thesis, Iran

SarafiNejad A, **Designing and evaluation of an IT-Based feedback system to change the behavior of general practitioners of Kerman province to reduce inappropriate parenteral corticosteroids prescription-Using SMS**, Medical Informatics PhD Thesis, Iran

Pournik O, **Computerized decision support system for non alcoholic fatty liver disease diagnosis**, Medical Informatics PhD Thesis, Iran (First Iranian graduated student in PhD of Medical Informatics)

Aamer, PharmD Thesis, Iran

Askari M., **Investiagting drug-drug interactions and preventing them by a decision support system,** Medical Informatics Master Thesis, The Netherlands

Opondo D., **Assessing the quality of care for the elderly in gereral practice.** Medical Informatics Master Thesis, The Netherlands (selected as the best Medical Informatic Master thesis in 2011 in the Netherlands)

Publications

❖ **ISI publications**

1) Verburg IW, Atashi A, Eslami S, Holman R, Abu-Hanna A, de Jonge E, et al. **Which Models Can I Use to Predict Adult ICU Length of Stay? A Systematic Review.** *Crit Care Med. 2017 Feb;45(2):e222-e31.*
2) Sarbaz M, Kimiafar K, Taherzadeh Z, Naderi H, Eslami S. **Effect of modifying the information and training structure on the occupational safety of health care workers in exposure to blood and body fluids: A quasi-experimental study.** *Am J Infect Control. 2017 Jan 01;45(1):80-2.*
3) Opondo D, Visscher S, Eslami S, Medlock S, Verheij R, Korevaar JC, et al. **Feasibility of automatic evaluation of clinical rules in general practice.** *Int J Med Inform. 2017 Apr;100:90-4.*
4) Opondo D, Visscher S, Eslami S, Medlock S, Verheij R, Korevaar JC, et al. **Erratum to "Feasibility of automatic evaluation of clinical rules in general practice" [Int. J. Med. Inform.** *(2017) 90-94]. Int J Med Inform. 2017 Jun 05.*
5) Nabovati E, Vakili-Arki H, Taherzadeh Z, Saberi MR, Abu-Hanna A, Eslami S. **A survey of attitudes, practices, and knowledge regarding drug-drug interactions among medical residents in Iran.** *Int J Clin Pharm. 2017 Jun;39(3):560-8.*
6) Heidari E, Eslami S, Abolhassani F, Sharifi V, Taherzadeh Z, Daneshvar T. **Association between Physicians' Adherence to a Pharmacotherapy Guideline and Continuity of Care for Patients with Depression and/or Anxiety Disorder.** *Arch Iran Med. 2017 May;20(5):308-13.*
7) Bahrami A, Sadeghnia H, Avan A, Mirmousavi SJ, Moslem A, Eslami S, et al. **Neuropsychological function in relation to dysmenorrhea in adolescents.** *Eur J Obstet Gynecol Reprod Biol. 2017 Jun 21;215:224-9.*

8) Ansari L, Shiehzadeh F, Taherzadeh Z, Nikoofal-Sahlabadi S, Momtazi-Borojeni AA, Sahebkar A, et al. **The most prevalent side effects of pegylated liposomal doxorubicin monotherapy in women with metastatic breast cancer: a systematic review of clinical trials.** *Cancer Gene Ther. 2017 May;24(5):189-93.*

9) Van de Glind EM, Willems HC, Eslami S, Abu-Hanna A, Lems WF, Hooft L, et al. **Estimating the Time to Benefit for Preventive Drugs with the Statistical Process Control Method: An Example with Alendronate.** *Drugs & aging. 2016 Feb 16.*

10) Sarafi Nejad A, Farrokhi Noori MR, Haghdoost AA, Bahaadinbeigy K, Abu-Hanna A, Eslami S. **The effect of registry-based performance feedback via short text messages and traditional postal letters on prescribing parenteral steroids by general practitioners-A randomized controlled trial.** *International journal of medical informatics. 2016 Mar; 87:36-43.*

11) Helmerhorst HJ, Schultz MJ, van der Voort PH, Bosman RJ, Juffermans NP, de Wilde RB, et al. **Effectiveness and Clinical Outcomes of a Two-Step Implementation of Conservative Oxygenation Targets in Critically Ill Patients: A Before and After Trial.** *Critical care medicine. 2016 Mar;44(3):554-63.*

12) Askari M, Eslami S, van Rijn M, Medlock S, Moll van Charante EP, van der Velde N, et al. **Assessment of the quality of fall detection and management in primary care in the Netherlands based on the ACOVE quality indicators.** *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA. 2016 Feb; 27(2):569-76.*

13) Askari M, Eslami S, van Rijn M, Medlock S, Moll van Charante EP, Van der Velde N, et al. **Erratum to: Assessment of the quality of fall detection and management in primary care in the Netherlands based on the ACOVE quality indicators.** *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA. 2016 Feb; 27(2):577.*

14) Van de Glind EM, Willems HC, Eslami S, Abu-Hanna A, Lems WF, Hooft L, et al. **Estimating the Time to Benefit for Preventive Drugs with the Statistical Process Control Method: An Example with Alendronate.** *Drugs & aging. 2016.*

15) Opondo D, Visscher S, Eslami S, Verheij RA, Korevaar JC, Abu-Hanna A. **Quality of Co-Prescribing NSAID and Gastroprotective Medications for Elders in The Netherlands and Its Association with the Electronic Medical Record.** *PloS one. 2015;10(6):e0129515.*

16) Mirhafez SR, Zarifian A, Ebrahimi M, Ali RF, Avan A, Tajfard M, et al. **Relationship between serum cytokine and growth factor concentrations and coronary artery disease.** *Clinical biochemistry. 2015 Jun; 48(9):575-80.*

17) Eslami S, Aslani A, Tara F, Ghalichi L, Erfanian F, Abu-Hanna A. **The impact of a computerized decision aid on empowering pregnant women for choosing vaginal versus cesarean section delivery: study protocol for a randomized controlled trial.** *Trials. 2015; 16:549.*

18) Nabovati E, Vakili-Arki, H, Eslami S, Khajouei R. **Usability Evaluation of Laboratory and Radiology Information Systems Integrated into a Hospital Information System.** *Journal of Medical Systems 2014, 38:35.*

19) Pournik O, …, Eslami S. **A Diagnostic Model for Cirrhosis in Non-**

Alcoholic Fatty Liver Disease Patients; An Artificial Neural Network Approach. *Med J Islamic Republic of Iran 2014, Accepted.*

20) Pournik O, ..., Eslami S. **Inter-observer and Intra-observer Agreement in Pathological Evaluation of Non-alcoholic Fatty Liver Disease Suspected Liver Biopsies.** *Hepat Mon. 2014 January; 14(1): e15167.*

21) Askari M, …, Eslami S et al. **Verschil in geneesmiddelengebruik tussen ouderen met een eenmalige val versus frequente vallers (in Dutch).** *Nederlands Tijdschrift voor Geneeskunde 2014, Accepted.*

22) Arts DL, …, Eslami S, van Weert HCPM. **Improving stroke prevention in patients with atrial fibrillation.** *Trials 2013, 14:193.*

23) Pournik O, ..., Eslami S. **Lower intrafamilial transmission rate of hepatitis B in patients with hepatitis D coinfection : A Data-mining approach.** *Hepatitis Monthly 2013. Accepted*

24) Medlock A, Eslami S et al. **Co-prescription of gastroprotective agents and their efficacy in elderly patients taking nonsteroidal anti-inflammatory drugs: a systematic review of observational studies.** *Gasteroentrology and hepatitis 2013. Accepted.*

25) Askari M, Eslami S et al. **Different risk-increasing drugs in recurrent versus single fallers: are recurrent fallers a distinct population?** *Drugs and Aging 2013, Accepted*

26) Askari M, …, Eslami S et al. **A combined disease management and process modeling approach for assessing and improving care processes: A fall management case-study.** *Int J Med Inform, Accepted*

27) Wlodzimirow KA, Eslami S et al. **A Systematic Review on prognostic indicators of human Acute on Chronic Liver Failure and their predictive value for mortality.** *Liver International 2013; 33(1):40-52*

28) Askari M, Eslami S et al. **Frequency and nature of Drug-drug Interaction in the Intensive Care Unit.** *Pharmacoepidemiology & Drug Safety 2013; Accepted.*

29) Pournik O, Alavian SM, Eslami S. **Can We Accurately Assess Liver Fibrosis with Fibroscan® Using Fewer Valid Measurements?** *Yonsei Med J; Accepted.*

30) Wlodzimirow KA, Eslami S et al. **Prediction of poor outcome in patients with acute liver failure-systematic review of prediction models.** *PLoS ONE 2012; 7(12).*

31) Opondo D, Eslami S et al. **Inappropriateness of medication prescriptions to elderly patients in primary care: A Systematic Review.** *PLoS ONE 2012; 7(8).*

32) Wlodzimirow KA, Eslami S et al. **Systematic review: acute liver failure - one disease, more than 40 definitions.** *Alimentary Pharmacology & Therapeutics 2012; 35(11):1245-56*

33) Minne L, Eslami S et al. **Five years of therapeutic drug monitoring in the intensive care did not change vancomycin prescription behaviour: perceived needs for decision support.** *Minerva Anestesiologica 2012 Jun;78(6):684-92*

34) Eslami S et al. **Evaluation of consulting and critiquing decision support systems: Effect on adherence to a lower tidal volume mechanical ventilation strategy.** *J Crit Care 2012 Aug;27(4):425.e1-8*

35) Wlodzimirow KA, Eslami S et al. **Acute liver failure – What is it?**

Hepatology 2012; 55(4):1306-7

36) Minne L, Eslami S et al. **Statistical process control for monitoring standardized mortality ratios of a classification tree model.** *Methods Inf. Med. 2012;51(4):353-8*

37) Minne L, Eslami S et al. **Effect of changes over time in the performance of a customized SAPS-II model on quality of care assessment.** *Intensive Care Medicine 2012; 38(1):40-6*

38) Meynaar IA, Eslami S et al. **Blood glucose amplitude variability as predictor for mortality in surgical and medical ICU patients - A multicenter cohort study.** *J Crit Care 2012; 27(2):119-24*

39) Askari M, Wierenga P, Eslami S et al. **Assessing Quality of Care of Elderly patients using the ACOVE quality indicator set: A Systematic Review** *PLoS ONE 2011; 6(12):e2863*

40) Eslami S et al. **Effects of two different levels of computerized decision support on blood glucose regulation in critically ill patients.** *Int J Med Inform 2011, 81(1):53-60*

41) Minne L, Eslami S et al. **Statistical Process Control for validating a classification tree model for predicting mortality - a novel approach towards temporal validation.** *J Biomedical Informatics 2011; 45(1):37-44*

42) Askari M, Wierenga PC, Eslami S, et al. **Studies Pertaining to the ACOVE Quality Criteria: A Systematic review.** *Int J for Qual in Health Care 2011; 24(1):80-7*

43) Medlock S, Eslami S et al. **Improved communication in post-ICU care by improving writing of ICU discharge letters: a longitudinal before-after study.** *BMJ Quality & Safety 2011; 20(11):967-73*

44) Medlock S, Opondo D, Eslami S, Askari M, Wierenga P, de Rooij SE, Abu-Hanna A. **LERM (Logical Elements Rule Method): A method for assessing and formalizing clinical rules for decision support.** *Int. J of Med Inform. 2011; 80(4):286-95.*

45) Eslami S, Taherzadeh Z, Schultz MJ, Abu-Hanna A. **Glucose variability measures and their effect on mortality – A systematic review.** *Intensive Care Med. 2011;* 37(4):583-93.

46) Eslami S, Abu-Hanna A. **Acceptance of drug-drug interaction alerts and alert system design.** *Br J Clin Pharmacol. 2010 Oct;70(4):619-20.*

47) Eslami S, Abu-Hanna A, de Keizer NF, Bosman RJ, Spronk PE, de Jonge E, Schultz MJ. **Implementing glucose control in intensive care: a multicenter trial using statistical process control.** *Intensive Care Med. 2010 Sep;36(9):1556-65.*

48) Eslami S, Abu-Hanna A, de Jonge E, de Keizer NF. **Tight glycemic control and clinical decision support – A systematic review.** *Intensive Care Medicine.2009 Sep;35(9):1505-17.*

49) Eslami S, Abu-Hanna A, de Keizer NF, de Jonge E, Schultz M. **Effect of a clinical decision support system on adherence to a lower tidal volume mechanical ventilation strategy.** *Journal of Critical Care 2009; 24(4):523-9.*

50) Eslami S, de Keizer NF, de Jonge E, Schultz M, Abu-Hanna A. **A systematic review on quality indicators for tight glycaemic control in critically ill patients; the need for unambiguous indicator reference subset**. Critical Care *2008;, 12:R139.*

51) Eslami S, de Keizer NF, Abu-Hanna A. **The impact of computerized physician medication order entry in hospitalized patients - A systematic review.** *Int. J of Med Inform. 2008; 77(6):365-76.*

52) Eslami S, Abu-Hanna A, de Keizer NF. **Evaluation of outpatient computerized physician medication order entry systems: a systematic review.** *J Am Med Inform Assoc.* 2007 Jul-Aug;14(4):400-6.

53) Eslami S, Abu-Hanna A, de Keizer NF, de Jonge E. **Errors associated with applying decision support by suggesting default doses for aminoglycosides.** *Drug Saf.* 2006;29(9):803-9.

❖ Medline indexed publications

1) Nosrati M, Nikbakht-Jam I, Eslami S, Khademi M, Foroutan-Tanha M, Hadizadeh F, et al. **Effect of crocin on antibody titers to heat-shock protein 27 in subjects with metabolic syndrome.** *Curr Clin Pharmacol. 2017 May 09.*
2) Nabovati E, Vakili-Arki H, Taherzadeh Z, Saberi MR, Medlock S, Abu-Hanna A, et al**. Information Technology-Based Interventions to Improve Drug-Drug Interaction Outcomes: A Systematic Review on Features and Effects.** *J Med Syst. 2017 Jan;41(1):12.*
3) Sarbaz M, Kimiafar K, Sheikhtaheri A, Taherzadeh Z, Eslami S. **Nurses' Information Seeking Behavior for Clinical Practice: A Case Study in a Developing Country.** *Stud Health Technol Inform. 2016;225:23-7.*
4) Nabovati E, Vakili-Arki H, Taherzadeh Z, Saberi MR, Abu-Hanna A, Eslami S. **Incidence rate and pattern of clinically relevant potential drug-drug interactions in a large outpatient population of a developing country.** *Res Pharm Sci. 2016 May-Jun;11(3):233-42.*
5) Aalaei S, Shahraki H, Rowhanimanesh A, Eslami S. **Feature selection using genetic algorithm for breast cancer diagnosis: experiment on three different datasets.** *Iran J Basic Med Sci. 2016 May;19(5):476-82.*
6) van Hooijdonk RT, Eslami S, de Keizer NF, Bakhshi-Raiez F, Bosman RJ, Dongelmans DA, et al. **Trends in practice of blood glucose control in critically ill patients in the Netherlands.** *The Netherlands journal of medicine.*
7) Tavakkoli-Kakhki M, Eslami S, Motavasselian M. **Nutrient-rich versus nutrient-poor foods for depressed patients based on Iranian Traditional Medicine resources.** *Avicenna journal of phytomedicine. 2015 Jul-Aug;5(4):298-308. PubMed PMID: 26445711.*
8) Sabermoghaddam M, Sarbaz M, Lashkardoost H, Kaviani A, Eslami S, Rezazadeh J. **Incidence of occupational exposure to blood and body fluids and measures taken by health care workers before and after exposure in regional hospitals of a developing country: a multicenter study.** *American journal of infection control. 2015 Oct 1;43(10):1137-8.*
9) Mirhafez SR, Pasdar A, Avan A, Esmaily H, Moezzi A, Mohebati M, et al. **Cytokine and growth factor profiling in patients with the metabolic syndrome.** *The British journal of nutrition. 2015 Jun 28;113(12):1911-9.*
10) Miandehi EE, Aazami MH, Niazmand H, Mesri Y, Deyranlou A, Eslami S. **Clinical simulation of aortic valve: a narrative review.** *Studies in health technology and informatics. 2015;210:612-6.*
11) Medlock S, Eslami S, Askari M, Arts DL, Sent D, de Rooij SE, et al. **Health information-seeking behavior of seniors who use the Internet: a survey.** *Journal of medical Internet research. 2015;17(1):e10.*
12) Verhaegh KJ, MacNeil-Vroomen JL, Eslami S, Geerlings SE, de Rooij SE, Buurman BM. **Transitional care interventions prevent hospital readmissions for adults with chronic illnesses.** *Health affairs (Project Hope). 2014 Sep;33(9):1531-9.*
13) Eslami S, Sahebkar A. **Glutathione-S-transferase M1 and T1 null genotypes are associated with hypertension risk: a systematic review and meta-analysis of 12 studies.** *Current hypertension reports. 2014 Jun;16(6):432.*

14) Tavakkoli M, ..., Eslami S. **Omega-3 and Omega-6 Content of Medicinal Foods for Depressed Patients: Implications from the Iranian Traditional Medicine.** *Avicenna J of Phytomedicine 2014, Accepted.*
15) Askari M, Eslami S, Medlock S, de Rooij SE, Abu-Hanna A. **Fall-related Information seeking behavior of seniors on the web.** *Studies in health technology and informatics. 2014;205:647-51.*
16) Aslani A, …, Eslami S. **Pregnant women's information seeking.** *Stud Health Technol Inform. 2014; Accepted.*
17) Hejazi Y, …, Eslami S. **e-Learning System for PharmD Students-Feasibility and Preliminary Result of a Randomized Controlled Trial.** *Stud Health Technol Inform. 2014; Accepted.*
18) Pournik O, …, Eslami S. **Evaluation of a Computer-based Clinical Decision Support System on physician performance and patient outcome of Non-Alcoholic Fatty Liver Disease Patients.** *Stud Health Technol Inform. 2014; Accepted.*
19) Aalaei S, …, Eslami S. **Blood BagTemperature Monitoring System.** *Stud Health Technol Inform. 2014; Accepted.*
20) Aslani A, …, Eslami S. **Web-site Evaluation Tools: Reproductive Health Information.** *Stud Health Technol Inform. 2014; Accepted.*
21) Aslani A, …, Eslami S. **The impact of a computerized decision aids on mode of delivery-Study protocol.** *Stud Health Technol Inform. 2014; Accepted.*
22) Medlock S, Eslami S et al. **The Consequences of Seniors Seeking Health Information Using the Internet and Other Sources.** *Stud Health Technol Inform. 2013; Accepted*
23) Medlock S, Eslami S et al. **Attitudes and Experience of Dutch General Practitioners Regarding Computerized Clinical Decision Support. Accepted.** *Stud Health Technol Inform. 2013;186:56-60.*
24) Askari M, Eslami S, et al**. Relevance of drug-drug interaction in the ICU - Perceptions of intensivists and pharmacists.** *Stud Health Technol Inform. 2012;180:716-20*
25) Medlock S, Eslami S, et al. **Application of the Logical Elements Rule Method for formalization of clinical rules: case study of ACOVE-NLI.** *Stud Health Technol Inform. 2012;180:421-6*
26) Abu-Hanna A, Eslami S, Schultz MJ, de Jonge E, de Keizer NF. **Analyzing effects of providing performance feedback at ward rounds on guideline adherence - the importance of feedback usage analysis and statistical control charts.** *Stud Health Technol Inform. 2010;160:826-30.*

❖ **<u>Embase indexed publications</u>**

1) Eslami S, Askari M, Medlock S, Arts DL, Wyatt JC, van Weert HC, et al. **From assessment to improvement of elderly care in general practice using decision support to increase adherence to ACOVE quality indicators: study protocol for randomized control trial.** *Trials. 2014;15:81.*
2) Wlodzimirow KA, Eslami S et al. **A systematic review on prognostic indicators of acute liver failure and their predictive value for poor outcome.** *British Journal of Medicine & Medical Research. 2014; 4(15):2796-2852.*
3) Medlock S, Eslami S et al. **Health information seeking behavior of elderly**

Internet users in the Netherlands. European Geriatric Medicine 2012; 3 (pp S90-S91) (8th Congress of the European Union Geriatric Medicine Society Brussels Belgium).

4) Eslami S., De Keizer N.F., Taherzadeh Z., Schultz M.J., Abu-Hanna A. **Tight glycaemic control and computerized decision support systems-future and challenges.** *Diabetes Technology and Therapeutics 2011; 13 (2) (pp 182)*. (4th International Conference on Advanced Technologies and Treatments for Diabetes, ATTD 2011 London United Kingdom).

5) Eslami S., Abu-Hanna A., De Keizer N.F., De Jonge E., Dongelmans D., Schultz M.J. **Effects of two levels of computerized decision support on glucose regulation in intensive care-using statistical process control.** *Intensive Care Medicine 2009; 35 (pp S236)*. (22nd Annual Congress of the European Society of Intensive Care Medicine, ESICM Vienna Austria).

6) Eslami S., De Keizer N.F., De Jonge E., Abu-Hanna A. **Improving medication safety in the intensive care unit by implementing computerized decision support system-using statistical process control.** *Intensive Care Medicine 2009; 35 (pp S235)*. (22nd Annual Congress of the European Society of Intensive Care Medicine, ESICM Vienna Austria).

7) Eslami S., Abu-Hanna A., De Keizer N.F., Bosman R.J., Spronk P.E., De Jonge E., Schultz M.J. **Implementing Glucose regulation guidelines in intensive care - A multicenter trial using statistical process control.** *Basic and Clinical Pharmacology and Toxicology 2009; 105 (pp 33-34)*. (9th Congress of the European Association for Clinical Pharmacology and Therapeutics Edinburgh United Kingdom).

8) Eslami S, Abu-Hanna A, de Keizer NF, de Jonge E, Schultz M. **Decision support to increase adherence to a mechanical ventilation guideline: A study protocol and first results.** *Intensive Care of Medicine 2008; 34 (pp S78) (21st* Annual Congress of the European Society of Intensive Care Medicine, ESICM Lisbon Portegal*)*.

❖ **Other publications**

1) Eslami S et al. **Lessons learned from implimentating and evaluating computerized decision support systems.** *Lecture Notes in Artificial Intelligence 2011; 6747:101-108*
2) Medlock S, Eslamia S, Askaria M, de Rooijb S, Abu-Hanna A. **Improving Care Of Vulnerable Elders (ICOVE): the road from quality indicators to quality improvement.** *VMBI Yearbook 2010.*
3) Eslami S, de Keizer NF, Schultz MJ, de Jonge E, Abu-Hanna A. **Pharmacotherapy and patient safety in intensive care-Impact of guideline-based decision support.** *VMBI Yearbook 2009; 17-21.*
4) Eslami S. (2009) **Pharmacotherapy and patient safety in intensive care-Impact of guideline-based decision support.** Amsterdam: Ponsen & Looije.

❖ **Submitted and ready to submit manuscripts**

1) Amenability of ACOVE quality indicators for automatic evaluation in general practice care in the Netherlands
2) The association between blood glucose variability and hospital mortality is dependent on the blood glucose control guideline in use
3) From assessing to improvement – Protocol of a randomized control trial using ACOVE quality indicators to improve quality of elderly care in outpatient setting
4) A multi-center study on end-of-life decision-making in the Intensive Care:

Differences between physicians' perceptions and clinical practice

5) Improving stroke prevention in atrial fibrillation – Protocol of A RCT study
6) Impact of half-life definitions between drug administration times on frequency of DDIs - A novel step toward detecting relevant DDIs
7) Influence of electronic medical record systems on physicians response to drug safety warnings
8) Three or more valid measurements for assessing liver fibrosis using FibroScan® in Patients with Chronic Viral Hepatitis
9) Feasibility of automatic evaluation of quality of care based on quality indicators in general practice.
10) For which tasks do doctors want decision support, and why? A survey of Dutch general practitioners.
11) …

Presentations in seminars

- ✓ Prognostic models for benchmarking-adaptation and implementation. 3rd Conference on Health Tourism in Islamic Countries, Mashhad, December 2012
- ✓ Web-site Evaluation Tools: Reproductive Health Information. 13th International Congress of Gynecology & Obstetrics, Tehran, December 2012 (co-author)
- ✓ Eight Years' Experience in Designing, Implementation and Evaluation of Computerized Decision Support Systems in the Netherlands – Futures and Challenges; and Lessons Learned for Iran, 1st International Conference on Electronic Health, Tehran, November 2012
- ✓ Lessons learned from designing, implementing and evaluating decision support system, 1st Seminar on Intelligent Laboratory, Tehran, November 2012
- ✓ Met Statistical Process Control (SPC) kan de time-to-benefit van preventieve medicatie gemakkelijk en inzichtelijk bepaald worden. Een voorbeeld met alendronaat. (in Dutch, co-author)
- ✓ Health information seeking behavior of elderly internet users in the Netherlands, EUGMS, Brussels, Sept 2012 (co-author)
- ✓ Fall-related information seeking behavior among elderly internet-users 21st Nordic Congress of Gerontology - Dilemmas in Ageing Societies, Copenhagen, June 2012 (co-author)
- ✓ Lessons learned from implimentating and evaluating computerized decision support systems, Artificial Intelligence in Medicine (AIME), Bled, 2011
- ✓ ??, International Forum on Quality and Safety in Health Care, Amsterdam, 2010 (co-author)
- ✓ Tight Glycaemic Control and Computerized Decision Support Systems – future and challenges (invited speaker), Advanced Technologies & Treatments for Diabetes (ATTD), London, 2011
- ✓ Implementing Glucose Regulation guidelines in Intensive Care – A Multicenter trial Using Statistical Process Control, The 9th Congress of the European Association for Clinical Pharmacology and Therapeutics, Edinburgh, 2009
- ✓ Critiquing vs. non-critiquing decision support: Effect on adherence to a lung-protective mechanical ventilation protocol, 10th Congress of

WFSICCM, Florence, 2009

- ✓ Effects of two levels of computerized decision support on glucose regulation in intensive care –Using statistical process control, European association of Intensive Care Medicine (ESICM), Vienna, 2009
- ✓ Improving medication safety in the intensive care unit by implementing computerized decision support system- Using statistical process control, European association of Intensive Care Medicine (ESICM), Vienna, 2009
- ✓ Decision support to increase adherence to a mechanical ventilation guideline: a study protocol and first results, European association of Intensive Care Medicine (ESICM), Lisbon, 2008
- ✓ Can Default Dose Introduce New Source of Errors, International Forum on Quality and Safety in Health Care, Barcelona, 2007
- ✓ Multimedia Database of Iranian Drugs Interactions, 16th Iranian Congress of Physiology & Pharmacology, Tehran, 2003
- ✓ Simulator software for prescription reading in pharmacies, 8th Iranian Pharmaceutical Sciences Seminar, Shiraz, 2002
- ✓ Reform of drug distribution in hospitals with computer, 1th Food and Drug Usage Seminar, Sari, 2000
- ✓ Multimedia searcher for pharmaceutical and toxic agents in Iran, 6th Iranian Toxicology and Drug Poisoning Congress , Ahvaz, 1999
- ✓ Lecturer in various continuing education courses for Iranian pharmacists, topics include computer applications in pharmacy, 1999-2004
- ✓ Multimedia database of drug information in Iranian formulary, 5th Iranian Pharm.D. Student Seminar, Tehran, 1999
- ✓ Education Technology in Iran, 5th Iranian Pharm.D. Student Seminar, Tehran, 1999
- ✓ Multimedia database of Iranian medicinal plants, 1th Medicinal Plant and Industry, Tehran, 1997
- ✓ Antimicrobial activity of Iranian plant (Khorasan province), 3th Iranian Pharm.D. Student Seminar, Tehran, 1996
- ✓ Library management software, 2th Iranian Phrm.D. Student Seminar, Mashhad, 1995
- ✓ Anti HIV drug advice,1th Iranian Pharm.D. Student Seminar, Tabriz, 1994
- ✓ Design of Iranian plant systematic poster, 1th Iranian Pharm.D. Student Seminar, Tabriz, 1994

Membership

- ✓ Presidency of Islamic Republic of Iran National Elites Foundation, 2016-
- ✓ Dutch Association of Medical Informatics, 2008-