

Last Name: Eslami (Hassanabadi)

First Name: Saeid

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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

- ✓ 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-
- ✓ 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-

- ✓ 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-
- ✓ Evaluating the sufficiency of the ultrasonography reports of patients suspected to NAFLD and developing a valid structured Reporting model, 2013-
- ✓ Effective factors in information exchange between patient and physician and suggesting IT based interventions to improve, 2013-
- ✓ Empowering pregnant woman by IT Interventions, 2012-
- ✓ Clinical decision support system for diagnosis of patients with Non-Alcoholic Fatty Liver Disease (NAFLD), 2012-
- ✓ 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-
- ✓ 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-
- ✓ 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

- ✓ Decision Support Systems, Mashhad, Iran, Sep 2012
- ✓ Electronic Health Records, Mashhad, Iran, Sep 2012
- ✓ Statistics in Medicine, Mashhad, Iran, Sep 2012
- ✓ Great Survey Design, Amsterdam, The Netherlands, July 2012 – August 2012
- ✓ ATC/DDD methodology (organized by WHO), Oslo, Norway, June 2012

- ✓ Epidemiology (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
 - Maastricht, Jan, 2006
 - Nijmegen, Feb, 2007
 - Zeeland, March, 2008
 - Amsterdam, Jan, 2009
 - Zeeland, March, 2010
 - Amsterdam, March 2011
 - Breukelen, March 2014

Supervisor or Co-supervisor 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

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

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., **Investiating 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 general practice**. Medical Informatics Master Thesis, The Netherlands (selected as the best Medical Informatic Master thesis in 2011 in the Netherlands)

Publications

❖ **ISI publications**

- 1) 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;16(6):432.
- 2) 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.
- 3) Wlodzimirow KA, Eslami S, Chamuleau RA, Nieuwoudt M, Abu-Hanna A. **Prediction of poor outcome in patients with acute liver failure-systematic review of prediction models**. *PloS one*. 2012;7(12):e50952.
- 4) 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.
- 5) Wlodzimirow KA, Eslami S, Abu-Hanna A, Nieuwoudt M, Chamuleau RA. **A systematic review on prognostic indicators of acute on chronic liver failure and their predictive value for mortality**. *Liver international : official journal of the International Association for the Study of the Liver*. 2013;33(1):40-52.
- 6) Sahebkar AH, Eslami S. **Glutathione-S-Transferase M1 and T1 Null Genotypes Are Associated with Hypertension Risk: A Meta-Analysis of 12 Studies**. *Current Hypertension Reports* 2014, Accepted.
- 7) Eslami S 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, 19;15(1):81.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) Askari M, ..., Eslami S et al. **Verschil in geneesmiddelengebruik tussen ouderen met een eenmalige val versus frequente vellers (in Dutch)**. *Nederlands Tijdschrift voor Geneeskunde* 2014, Accepted.

- 12) Arts DL, ..., Eslami S, van Weert HCPM. **Improving stroke prevention in patients with atrial fibrillation.** *Trials* 2013, 14:193.
- 13) 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*
- 14) 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.** *Gastroenterology and hepatitis* 2013. *Accepted*.
- 15) 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*
- 16) 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*
- 17) Askari M, Eslami S et al. **Frequency and nature of Drug-drug Interaction in the Intensive Care Unit.** *Pharmacoepidemiology & Drug Safety* 2013; *Accepted*.
- 18) Pournik O, Alavian SM, Eslami S. **Can We Accurately Assess Liver Fibrosis with Fibroscan® Using Fewer Valid Measurements?** *Yonsei Med J*; *Accepted*.
- 19) 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).
- 20) Opondo D, Eslami S et al. **Inappropriateness of medication prescriptions to elderly patients in primary care: A Systematic Review.** *PLoS ONE* 2012; 7(8).
- 21) 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
- 22) 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
- 23) 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
- 24) Wlodzimirow KA, Eslami S et al. **Acute liver failure – What is it?** *Hepatology* 2012; 55(4):1306-7.
- 25) 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
- 26) 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.
- 27) 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
- 28) 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

- 29) 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*
- 30) 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*
- 31) 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*
- 32) 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*
- 33) 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*
- 34) 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.*
- 35) 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.*
- 36) 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.*
- 37) 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.*
- 38) 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.*
- 39) 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.*
- 40) 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.*
- 41) 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.*
- 42) 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.*
- 43) 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

- 44) Aslani A, ..., Eslami S. **Pregnant women's information seeking.** *Stud Health Technol Inform. 2014; Accepted.*

- 45) 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.*
- 46) 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.*
- 47) Aalaei S, ..., Eslami S. **Blood Bag Temperature Monitoring System.** *Stud Health Technol Inform.* 2014; *Accepted.*
- 48) Aslani A, ..., Eslami S. **Web-site Evaluation Tools: Reproductive Health Information.** *Stud Health Technol Inform.* 2014; *Accepted.*
- 49) Askari M, Eslami S et al. **Fall-related Information seeking behavior of seniors on the web.** *Stud Health Technol Inform.* 2014; *Accepted.*
- 50) Aslani A, ..., Eslami S. **The impact of a computerized decision aids on mode of delivery-Study protocol.** *Stud Health Technol Inform.* 2014; *Accepted.*
- 51) 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*
- 52) 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.
- 53) 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
- 54) 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
- 55) 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.
- 56) 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.*

❖ **Embase indexed publications**

- 57) 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.
- 58) 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).
- 59) 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 Portugal).

- 60) 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).
- 61) 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).
- 62) 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).
- 63) 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).

❖ **Other publications**

- 64) Eslami S et al. **Lessons learned from implimentating and evaluating computerized decision support systems.** *Lecture Notes in Artificial Intelligence 2011; 6747:101-108*
- 65) 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*.
- 66) 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*.
- 67) 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**

- 68) Amenability of ACOVE quality indicators for automatic evaluation in general practice care in the Netherlands
- 69) The association between blood glucose variability and hospital mortality is dependent on the blood glucose control guideline in use
- 70) From assessing to improvement – Protocol of a randomized control trial using ACOVE quality indicators to improve quality of elderly care in outpatient setting
- 71) A multi-center study on end-of-life decision-making in the Intensive Care: Differences between physicians' perceptions and clinical practice
- 72) Improving stroke prevention in atrial fibrillation – Protocol of A RCT study
- 73) Impact of half-life definitions between drug administration times on frequency of DDIs - A novel step toward detecting relevant DDIs
- 74) Influence of electronic medical record systems on physicians response to drug safety warnings

- 75) Three or more valid measurements for assessing liver fibrosis using FibroScan® in Patients with Chronic Viral Hepatitis
- 76) Feasibility of automatic evaluation of quality of care based on quality indicators in general practice
- 77) For which tasks do doctors want decision support, and why? A survey of Dutch general practitioners.
- 78) ...

**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-