

Curriculum Vitae

Shadi Farsaei, Pharm. D. Board Certified Pharmacotherapy Specialists

Isfahan, Iran

Department of clinical pharmacy and pharmacy practice

School of Pharmacy

Isfahan University of Medical Sciences

Associate professor from 2019 until now

Assistant professor from 2013 until 2019

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Research filed: Pharmacotherapy of critically ill patients

Education

Sep. 2009 – May. 2013

- Resident of clinical pharmacy (pharmacotherapy) in Tehran university of Medical Sciences
Thesis: "Evaluation and comparison of topical formulation of atorvastatin 1% and sildenafil 10 % in bed sore healing" (Score=20/20)

Sep. 2003 – Mar. 2009

- **Pharm. D. student** in Isfahan university of Medical Sciences
- **Grade point average** =18.05/20
Thesis : "Evaluation of the adherence to medication regimen in type 2 diabetic patients and the role of intervention in patients referring to Isfahan Endocrinology and metabolism Research Center in 2007" (Score =19.97/20)

Sep.2001- Jun. 2003

- Pre-university, Experimental science (GPA=19.45/20)
- High School Diploma, Experimental Science (GPA=19.64/20)

Research Interest

- Clinical pharmacy
 - Critical care pharmacotherapy
 - Drug Safety & adherence to medication

- Medication use evaluation
- Medication error evaluation

Books

1. A member of *scientific writer committee* of **Comprehensive Textbook of Therapeutics**, 2016
2. A member of *scientific writer committee* of **Clinical pharmacotherapy protocols**, 2013
3. A member of *scientific writer committee* of **Physician Desk Reference Iran**, 2010
4. **Farsaei S.**, Amini M., **How to live a better life with diabetes? (prevention and management)**, 2009

Articles

1. **Farsaei S***, Sabzghabae AM, Zargarzadeh AH, Amini M. Adherence to glyburide and metformin and associated factors in type 2 diabetes in isfahan, iran. *Iran J Pharm Res.* 2011;10(4):933-9.
2. **Farsaei S***, Sabzghabae AM, Zargarzadeh AH, Amini M. Effect of pharmacist-led patient education on glycemic control of type 2 diabetics: a randomized controlled trial. *J Res Med Sci.* 2011;16(1):43-9.
3. Khalili H, **Farsaei S**, Rezaee H, Dashti-Khavidaki S. Role of clinical pharmacists' interventions in detection and prevention of medication errors in a medical ward. *Int J Clin Pharm.* 2011;33(2):281-4.
4. **Farsaei S**, Khalili H, Farboud ES. Potential role of statins on wound healing: review of the literature. *Int Wound J.* 2012;9(3):238-47.
5. **Farsaei S**, Khalili H, Karimzadeh I, Dashti-Khavidaki S. An old drug for a new application: potential benefits of sildenafil in wound healing. *J Pharm Pharm Sci.* 2012;15(4):483-98.
6. Karimzadeh I, **Farsaei S**, Khalili H, Dashti-Khavidaki S. Are salt loading and prolonging infusion period effective in prevention of amphotericin B-induced nephrotoxicity? *Expert Opin Drug Saf.* 2012;11(6):969-83.
7. Dabaghzadeh F, Rashidian A, Torkamandi H, Alahyari S, Hanafi S, **Farsaei S**, et al. Medication errors in an emergency department in a large teaching hospital in tehran. *Iran J Pharm Res.* 2013;12(4):937-42.
8. Hatamkhani S, Karimzadeh I, Elyasi S, **Farsaei S**, Khalili H. Carnitine and sepsis: a review of an old clinical dilemma. *J Pharm Pharm Sci.* 2013;16(3):414-23.
9. Karimzadeh I, Khalili H, **Farsaei S**, Dashti-Khavidaki S, Sagheb MM. Role of diuretics and lipid formulations in the prevention of amphotericin B-induced nephrotoxicity. *Eur J Clin Pharmacol.* 2013;69(7):1351-68.
10. Baniasadi S, Habibi M, Haghgoo R, Karimi Gamishan M, Dabaghzadeh F, Farasatinasab M, et al. Increasing the number of adverse drug reactions reporting: the role of clinical pharmacy residents. *Iran J Pharm Res.* 2014;13(1):291-7.

11. Eizadi-Mood N, Yaraghi A, Alikhasi M, Jabalameli M, **Farsaei S**, Sabzghabae AM. Prediction of endotracheal intubation outcome in opioid-poisoned patients: A clinical approach to bispectral monitoring. *Can J Respir Ther*. 2014;50(3):83-6.
12. **Farsaei S**, Karimzadeh I, Elyasi S, Hatamkhani S, Khalili H. Glycemic control in the infectious diseases ward; role of clinical pharmacist interventions. *J Infect Dev Ctries*. 2014;8(4):480-9.
13. **Farsaei S**, Khalili H, Farboud ES, Karimzadeh I, Beigmohammadi MT. Efficacy of topical atorvastatin for the treatment of pressure ulcers: a randomized clinical trial. *Pharmacotherapy*. 2014;34(1):19-27.
14. **Farsaei S**, Radfar M, Heydari Z, Abbasi F, Qorbani M. Insulin adherence in patients with diabetes: risk factors for injection omission. *Prim Care Diabetes*. 2014;8(4):338-45.
15. Karimzadeh I, Khalili H, Dashti-Khavidaki S, Sharifian R, Abdollahi A, Hasibi M, Khazaeipour Z, **Farsaei S**. N-acetyl cysteine in prevention of amphotericin- induced electrolytes imbalances: a randomized, double-blinded, placebo-controlled, clinical trial. *Eur J Clin Pharmacol*. 2014;70(4):399-408.
16. Abbasi S, **Farsaei S***, Fazel K, Golzari SE, Mahmoodpoor A. Can donepezil facilitate weaning from mechanical ventilation in difficult to wean patients? An interventional pilot study. *Daru*. 2015;23(23):015-0103.
17. **Farsaei S**, Khalili H, Farboud ES, Khazaeipour Z. Sildenafil in the treatment of pressure ulcer: a randomised clinical trial. *Int Wound J*. 2015;12(1):111-7.
18. **Farsaei S**, Sabzghabae AM, Amini M, Zargarzadeh AH. Adherence to statin therapy in patients with type 2 diabetes: An important dilemma. *J Res Med Sci*. 2015;20(2):109-14.
19. Golparvar M, Saghaei M, Saadati MA, **Farsaei S**. Effect of ondansetron on prevention of post-induction hypotension in elderly patients undergoing general anesthesia: A randomized, double-blind placebo-controlled clinical trial. *Saudi J Anaesth*. 2015;9(4):365-9.
20. Karimzadeh I, Khalili H, Sagheb MM, **Farsaei S**. A double-blinded, placebo-controlled, multicenter clinical trial of N-acetylcysteine for preventing amphotericin B-induced nephrotoxicity. *Expert Opin Drug Metab Toxicol*. 2015;11(9):1345-55.
21. Yaraghi A, Eizadi-Mood N, Katani M, **Farsaei S**, Hedaiaty M, Mirhosseini SM, et al. Arterial blood gas analysis and the outcome of treatment in tricyclic antidepressants poisoned patients with benzodiazepine coingestion. *Anesthesiol Res Pract*. 2015;232401(10):8.
22. **Farsaei S***. Development of a community pharmacy program in Iran with a focus on Logbook application. *J Res Pharm Pract*. 2016;5(1):58-62.
23. Mahmoodian A, Abbasi S, **Farsaei S***. A new approach to Vancomycin utilization evaluation: A cross-sectional study in intensive care unit. *J Res Pharm Pract*. 2016;5(4):279-84.

24. Rafinazari N, Abbasi S, **Farsaei S***, Mansourian M, Adibi P. Adherence to stress-related mucosal damage prophylaxis guideline in patients admitted to the Intensive Care Unit. *J Res Pharm Pract.* 2016;5(3):186-92.
25. **Farsaei S***, Ghorbani S, Adibi P. Variables Associated with Adherence to Stress Ulcer Prophylaxis in Patients Admitted to the General Hospital Wards: A Prospective Study. *Adv Pharm Bull.* 2017;7(1):73-80.
26. Abbasi S, **Farsaei S***, Ghasemi D, Mansourian M. Potential Role of Exogenous Melatonin Supplement in Delirium Prevention in Critically Ill Patients: A Double-Blind Randomized Pilot Study. *Iranian Journal of Pharmaceutical Research.* 2018;17(4):1571-80.
27. Fakhari Z, **Farsaei S***, Sabzghabae AM. Predicting factors for the pattern of intravenous immunoglobulin utilization in a middle eastern university hospital. *Journal of Research in Pharmacy Practice.* 2018;7(4):188-94.
28. Hekmatpou D, Ahmadian F, Eghbali M, Farsaei S. Henna (*Lawsonia inermis*) as an Inexpensive Method to Prevent Decubitus Ulcers in Critical Care Units: A Randomized Clinical Trial. *Journal of Evidence-Based Integrative Medicine.* 2018;23.
29. Osooli F, Abbas S, **Farsaei S***, Adibi P. Identifying Critically Ill Patients at Risk of Malnutrition and Underfeeding: A Prospective Study at an Academic Hospital. *Advanced Pharmaceutical Bulletin.* 2019;9(2):314-20.
30. Varshosaz J, Masoudi S, Mehdikhani M, Beni BH, Farsaei S. Atorvastatin lipid nanocapsules and gold nanoparticles embedded in injectable thermo-gelling hydrogel scaffold containing adipose tissue extracellular matrix for myocardial tissue regeneration. *Iet Nanobiotechnology.* 2019;13(9):933-41.
31. Hajialigol M, **Farsaei S***, Shirani K. Prospective study of irrational prescription of teicoplanin in a large academic hospital: A dilemma of antimicrobial resistance. *Journal of Research in Pharmacy Practice.* 2020;9(1):50-5.
32. Assarzadeh S, Badri SS, Haddad S, Mansourian M, Farsaei S, Abbasi S. Medication errors in intravenous drug preparation and administration at intensive care unit. *Tehran University Medical Journal.* 2020;78(8):500-9.
33. **Farsaei S***, Minaiyan M, hasanzadeh A. Opinions of Pharmacy students about community pharmacy internship course in Iran: An approach to promote educational program. *Iranian Journal of Medical Education.* 2020;20(0):22-32.
34. Ahmadi M, Mehdikhani M, Varshosaz J, Farsaei S, Torabi H. Pharmaceutical evaluation of atorvastatin-loaded nanostructured lipid carriers incorporated into the gelatin/hyaluronic acid/polycaprolactone scaffold for the skin tissue engineering. *Journal of Biomaterials Applications.* 2021;35(8):958-77.

(* Corresponding author)

International Conference & Workshop

Participation in more than 30 International and Iranian conference and workshops such as:

- **Farsaei S**, Sabzghabae AM, Zargarzadeh A, Amini M. Adherence to oral hypoglycemic medication in type 2 diabetic patients in Isfahan, Iran: prevalence and barriers to adherence. ESCP International Workshop Patient Safety & Pharmacy; 2010; Sweden, Uppsala: SPRINGER VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS.
- **Farsaei S**, Sabzghabae AM, Zargarzadeh A, Amini M. Role of the pharmacist education in diabetes management in patients referring to Isfahan Endocrine and Metabolism Research Center. ESCP International Workshop Patient Safety & Pharmacy; 2010; Sweden, Uppsala: SPRINGER VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS
- **Farsaei S**, Sabzghabae AM, Amini M, Zargarzadeh A. Adherence to statin therapy and associated factors in type 2 diabetic patients with dyslipidemia. 70th FIP World Congress of Pharmacy/Pharmaceutical Sciences; 2010; Portugal, Lisbon.
- **Farsaei S**, Rezaee H, Khalili H. Medication Errors in a Medical Ward; Role of Clinical Pharmacists' Interventions. 70th FIP World Congress of Pharmacy/Pharmaceutical Sciences; 2010; Portugal, Lisbon.
- **Farsaei S**, Sabzghabae AM, Amini M, Zargarzadeh A. Adherence to oral antihyperglycemic medications according to Modified Morisky Scale and associated hemoglobin A1C in type 2 diabetes in Isfahan, Iran. 70th FIP World Congress of Pharmacy/Pharmaceutical Sciences; 2010; Portugal, Lisbon.
- **Farsaei S**, Sabzghabae AM, Zargarzadeh A, Amini M. Effect of pharmacist intervention on adherence, knowledge and motivation of type2 diabetics. 1st International and 3rd Iranian Congress of Endocrine & Metabolism Updateds; 2010; Iran, Tehran.

Iranian Conference & Workshop

- **Farsaei S**, Sabzghabae AM, Amini M, Zargarzadeh A. Adherence to oral hypoglycemic agents and associated HbA1c in type 2 diabetes, Isfahan, Iran. . The 14th seminar of Iranian pharmacy students; 2009; Iran, Ahvaz.

- Sabzghabae AM, Amini M, Zargarzadeh A, **Farsaei S**, Bakhtiari Z. Role of patient education on rational use of drugs in type 2 diabetic patients. The first Iranian national congress on rational use of drugs; 2009; Iran, Isfahan.
- Sabzghabae AM, **Farsaei S**, Bakhtiari Z. Role of pharmacist for preventing medication errors in the management of diabetes type 2. The 3rd national congress on medication error prevention; 2009; Iran, Lorestan.
- **Farsaei S**, Rezaee H, Khalili H. Acceptance of clinical pharmacists' recommendations by physicians in the infectious disease ward of Imam Khomeini hospital. The first Iranian clinical pharmacy congress; 2010; Iran, Tehran.
- **Farsaei S**, Sabzghabae AM, Zargarzadeh A, Amini M. Adherence to antihypertensive medications and associated factors in type 2 diabetic patients with hypertension. 12th Iranian Pharmaceutical Sciences Congress; 2010; Iran, Zanjan.
- **Farsaei S**, Sabzghabae AM, Zargarzadeh AH, Amini M. Risk factors correlated for skipping or lowering dose of insulin injection: a pilot study 2nd Iranian clinical pharmacy congress; 2011; Iran, Tehran.
- **Farsaei S**, Khalili H. A guide to blood glucose monitoring and glycemic control in hospitalized patients. 3rd Iranian clinical pharmacy congress; 2012; Iran, Tehran.
- **Farsaei S**, Khalili H, Elyasi S, Barzegar E. Evaluation of glycemic control in hospitalized patients in infectious ward. The 13th Iranian Pharmaceutical Sciences Congress; 2012; Iran, Isfahan.
- **Farsaei S**, Sabzghabae AM, Rafinazari N, Amini M. The state of antiplatelet therapy among patients with type 2 diabetes: an approach to adherence and barriers. 18th Iranian Pharmacy Student Seminar; 2014; Iran, Tabriz.
- Mahmudian A, **Farsaei S***, Abbasi S. Vancomycin utilization in critically ill patients. 7th Iranian Clinical Pharmacy Congress; 2015; Iran, Tehran.
- Rafinazari N, **Farsaei S***, Abbasi S, Adibi P. Evaluation of prophylaxis use for stress-related mucosal disease in patients admitted to the intensive care unit. 7th Iranian Clinical Pharmacy Congress; 2015; Iran, Tehran.
- Hajialigol M, **Farsaei S***, Hosseni-Ramsheh Z. Effectiveness of Clinical Pharmacist Intervention for Applying Antibiotic Dose Adjustment in Critically Ill Patients with Renal Impairment. 19th Iranian Pharmacy Student Seminar; 2015; Iran, Shiraz.
- **Farsaei S**, Khalili H, Farboud E. Comparison of the efficacy of topical atorvastatin and sildenafil on pressure sore healing. 14th Iranian Pharmaceutical Sciences Congress; 2015; Iran, Tehran.

- Hajialigol M, **Farsaei S***, Hosseini-Ramsheh Z. Evaluation of appropriate dose adjustment of renally eliminated antibiotic in critically ill patients with renal impairment. 14th Iranian Pharmaceutical Sciences Congress; 2015; Iran, Tehran.
- **Farsaei S***, Fakhari Z, Sabzghabae AM. Intravenous Immunoglobulin Utilization in Clinical Practice: A Prospective Review and Patient Outcomes in a Tertiary Care Teaching Hospital; 7th Iranian clinical pharmacy congress; 2016; Iran, Tehran.
- **Farsaei S***, Ghasemi D, Abbasi S. Melatonin for the Prevention of Delirium in Patients Admitted to the Intensive Care Unit: A Pilot Study; 7th Iranian clinical pharmacy congress; 2016; Iran, Tehran.
- **Farsaei S***, Ghorbani S, Adibi P. Inadequate Adherence to stress ulcer Prophylaxis in non-critically ill Hospitalized Patients; 7th Iranian clinical pharmacy congress; 2016; Iran, Tehran.
- Hajialigol M, **Farsaei S***. Medication Utilization Evaluation of Teicoplanin in One of the Largest Hospitals in Isfahan; 7th Iranian clinical pharmacy congress; 2016; Iran, Tehran.
- **Farsaei S***, Hakiminia B, Rafinazari N, Abbasi S, Mansourian M, Adibi. P Variables associated with gastric acidity in critically ill patients; 8th Iranian clinical pharmacy congress; 2017; Iran, Tehran.
- Mahmudian A, **Farsaei S***. Direct costs of irrational vancomycin prescription in patients admitted to the intensive care unit; 8th Iranian clinical pharmacy congress; 2017; Iran, Tehran.
- **Farsaei S***, Sabzghabae AM, Fakhari Z. Variables related to misuse of intravenous immunoglobulin in clinical practice: a prospective study; 15th Iranian Pharmaceutical Sciences Congress; 2017; Iran, Hamadan.
- Osooli F, **Farsaei S***, Abbasi S, Adibi P. Iatrogenic underfeeding in critically ill patients: a clinical prospective study; 15th Iranian Pharmaceutical Sciences Congress; 2017; Iran, Hamadan.

(Corresponding author)

Skill

- **Computer package:**

Software: SPSS, Endnote, Word, Excel, Power Point, Windows XP & Vista

- **Scientific writing**