



CURRICULUM VITAE

Name: Hadi Hamishehkar
Position: Associate professor in Pharmacotherapy (Clinical Pharmacy)
Date of birth: 1979/03/26
E-mail: hamishehkar@tbzmed.ac.ir
hamishehkar@gmail.com

Academic Qualifications

1993-1997: Diploma in Natural and Biological Sciences, Tabriz-Iran

1997-2002: Pharm D., School of Pharmacy, Tabriz Medical Sciences University, Tabriz-Iran

2004 -2010: Specialized Residency in Pharmacotherapy in Tehran Medical Sciences University

2011-2015: Assistant professor in Pharmacotherapy (Clinical Pharmacy), Department of Clinical Pharmacy, Faculty of Pharmacy, Tabriz University of Medical Sciences

2015-present: Associate professor in Pharmacotherapy (Clinical Pharmacy), Department of Clinical Pharmacy, Faculty of Pharmacy, Tabriz University of Medical Sciences

Administrative Positions:

2011-2014: vice dean of Department of Clinical Pharmacy, Faculty of Pharmacy, Tabriz University of Medical Sciences

2011-present: Member of education development organisation (EDO) of pharmacy faculty

2013-present: Research vice-chancellor of Iranian Center for Evidence-Based Medicine (EBM)

2014-2018: Dean of Department of Clinical Pharmacy, Faculty of Pharmacy, Tabriz University of Medical Sciences

2014-present: Member of rational use drug (RUD) committee, food and drug affairs of Tabriz University of medical sciences

2015-present: Dean of pharmacy department of Imam Reza hospital (The largest educational university affiliated hospital in the northwest of Iran)

2017-present: Dean and director of the medical device department, Food and Drug affairs of Tabriz University of Medical Sciences

Memberships:

Member of the Iranian Clinical Pharmacy Association

Teaching experiences

Lecturer in pharmacotherapy and hospital pharmacy courses in Pharm D. student's Program.

Research Interests

Pharmacokinetic and pharmacodynamic of drugs in critical care setting, antimicrobial agents in critically ill patients, Pharmacotherapy of septic shock, ARDS, MODS.

Honors and awards

- Award of the best presented paper in the 8th pharmacy students seminar in Kerman-Iran, 2002
- The best Professor in view of students in field of education. Third Student Festival "Shahid Motahari", 2014
- The best Professor in field of education. Eighth Festival of "Shahid Motahari", 2015
- Awarded prize for the best presentation in 6th Iranian Clinical Pharmacy Congress. Tehran-Iran. 2015
- Awarded prize for the best department in the field of education among departments of faculty of pharmacy, Tabriz University of Medical Sciences. Tenth Festival of "Shahid Motahari", 2017
- Awarded prize for the best pharmacist of East-Azerbaijan province, 2018
- Awarded prize for the best pharmacist of East-Azerbaijan province in terms of saving and rational use of medicine by insurance agencies, 2018

Presentations

1. **Hadi Hamishehkar**, Sudabeh Davaran, Mohammad Reza Rashidi, Evaluation of Estradiol transdermal patch, The first national pharmacy students seminar in industry and therapeutic, Ahvaz-Iran (2001)
2. **Hadi Hamishehkar**, Davood Hassanzadeh, Gaderi Pakdel, Evaluation and simulation of effective factors on quality control processes in pharmaceutical industries. The 8th pharmacy students seminar, Kerman-Iran (2002)
3. Sudabeh Davaran, Mohammad Reza Rashidi, **Hadi Hamishehkar**, Novel prolonged activity nicotine patch cross-linked polyvinyl alcohol rate-controlling membrane. 8th Iranian seminar of pharmaceutical sciences. Shiraz-Iran (2002)
4. Bahador Mirrahimi, **Hadi Hamishehkar**, Mohammad taghi Beigmohammadi, '11th Iranian Pharmaceutical Science Congress. Kerman-Iran (2008)
5. **Hadi Hamishehkar**, Keyvan Shahhoseiny, Mohammad Reza Siah and Mohammad Ali Eghbal. A survey on inventory management system of drug in educational hospitals in Tabriz. 2nd Iranian Clinical Pharmacy Congress (2011)
6. P. Shadmehr, **H. Hamishehkar**, R. Estakhri, S. Mashayekhi. Surveillance of microbial resistance among isolated samples from intensive care units patients and evaluation of its correlation with antibiotic utilization. 13th Iranian Pharmaceutical Science Congress. Isfahan-Iran (2012)
7. R. Tahvilian, M. Siah Shadbad, **H. Hamishehkar**, V. Aghababa Gharehbagh. Evaluating the standards of hospital pharmacies in therapeutic centers affiliated with

- of Kermanshah University of Medical Sciences, Iran. 13th Iranian Pharmaceutical Science Congress. Isfahan-Iran (2012)
8. M. Mazandarani, M. Mojtahedzadeh, F. Yousefshahi, **H. Hamishehkar**. Effect of pre-treatment with hypertonic saline on IL-10/IL-6 ratio in CABG patient. 13th Iranian Pharmaceutical Science Congress. Isfahan-Iran (2012)
 9. Fatemeh Barari, **Hadi Hamishehkar** and Mohammad Hossein Zarrintan. Study of the status of pharmacist's continuous education programs in Tabriz towards their improvement. 3rd Iranian Clinical Pharmacy Congress. Tehran (2012)
 10. Mamaghani ME, Sanaie S, Mahmoodpoor A, **Hamishehkar H**. Effect of probiotic containing lactobacillus, bifidobacterium and streptococcus thermophilus in critically ill patients. 33rd international symposium on intensive care and emergency medicine. Brussels-Belgium (2013)
 11. Pegah Shadmehr, **Hadi Hamishehkar**, Simin Ozar Mashayekhi, Parina Asgharian. Evaluation of disk diffusion test effectiveness in isolated samples from five intensive care units patients of a referral tertiary Hospital. 4th Iranian Clinical Pharmacy Congress. Tehran (2013)
 12. **Hadi Hamishehkar**, Elnaz Zoghi, Hadi Chavooshi, Simin Ozar Mashayekhi, Parina Asgharian. Utilization Evaluation of antimicrobial agents in neutropenic cancer patients in Shahid Ghazi Hospital. 4th Iranian Clinical Pharmacy Congress. Tehran (2013)
 13. **Hadi Hamishehkar**, Davoud Ebrahimi, Ata Mahmoodpoor, Simin Ozar Mashayekhi, Parina Asgharian. Inappropriate utilization of Vancomycin: A persistent problem in hospital. 4th Iranian Clinical Pharmacy Congress. Tehran (2013) [Oral presentation]
 14. **Hadi Hamishehkar**, Ata Mahmoodpoor, Afshar Farjami, Niloofar Farzan, Parina Asgharian. Evaluation of Taurine as a biomarker of sepsis. 7th international congress of intensive care medicine. Tabriz-Iran (2013) [Oral presentation]
 15. Ali Peyrovi far, Ata Mahmoodpoor, **Hadi Hamishehkar**, Masoud Hamidi. EVAC tracheal tube effect on ventilated associated pneumonia in critically ill patients admitted in ICU. 7th international congress of intensive care medicine. Tabriz-Iran (2013)
 16. Ali Peyrovi far, Ata Mahmoodpoor, **Hadi Hamishehkar**, Masoud Hamidi, Jamal Golzari. Comparison of prophylactic effect of polyurethane tracheal tube with PVC ones on ventilated associated pneumonia. 7th international congress of intensive care medicine. Tabriz-Iran (2013)
 17. **Hadi Hamishehkar**, Mahdi Vahidi nejhadi, Ata Mahmoodpoor. Evaluation of VAP care bundle compliance. 7th international congress of intensive care medicine. Tabriz-Iran (2013)
 18. Elmira Zolali, **Hadi Hamishehkar**, Naime Majidi Zolbanin, Hamed Ghavimi, Nasrin Maleki, Parina Asgharian. Is PAI an appropriate biomarker to estimate severity of sepsis in animal model? 21st International Iranian congress of physiology and pharmacology. Tabriz-Iran (2013)

19. Ailin Davarnia, **Hadi Hamishehkar**, Nasrin Maleki, Ata Mahmoodpoor, Hamed Ghavimi. Evaluation of IMOD effect on oxidative stress factors in animal model of sepsis. 21st International Iranian congress of physiology and pharmacology. Tabriz-Iran (2013)
20. Mahsa Karimi, **Hadi Hamishehkar**, Ata Mahmoodpoor, Hadi Valizadeh. Optimization of infusion time of ciprofloxacin in critically ill septic patients. 5th Iranian Clinical Pharmacy Congress. Tehran-Iran
21. **Hadi Hamishehkar**. Pharmacotherapy in elderly. 5th Iranian Clinical Pharmacy Congress. Tehran-Iran
22. Niloofar Farzan, **Hadi Hamishehkar**, Ata Mahmoodpoor. Evaluation of accuracy of procalcitonin for sepsis diagnosis in critically ill patients. 5th Iranian Clinical Pharmacy Congress. Tehran-Iran
23. **Hadi Hamishehkar**. Fluid Therapy and blood transfusion. 5th Iranian Clinical Pharmacy Congress. Tehran-Iran
24. Elmira Zolali, **Hadi Hamishehkar**, Nasrin Maleki-Dizaji, Hamed Hamishehkar. Effects of Gamma Oryzanol on oxidative stress factors in animal model of sepsis. 18th Iranian Pharmacy Student Seminar. Tabriz-Iran
25. Sasan Sheidaei, **Hadi Hamishehkar**, Nasrin Maleki, Alireza Garjani, Ata Mahmud pur, Hamed Ghavimi. Evaluation of Metformin effects on oxidative stress factors in animal model of sepsis. 18th Iranian Pharmacy Student Seminar. Tabriz-Iran
26. Maral khomehchi, Hale razaee, **Hadi hamishehkar**, Behruz naghili. Evaluation of medication errors in an infectious diseases ward of a teaching hospital in Iran. 18th Iranian Pharmacy Student Seminar. Tabriz-Iran
27. **Hadi Hamishehkar**, Kosar Shokri. Evaluation of error and contraction administration via nasogastric tube and drug-drug interaction in ICU admitted patients of Imam Reza and Shohada hospitals. 7th Iranian Clinical Pharmacy Congress. Tehran-Iran (2016) [Poster]
28. **Hadi Hamishehkar**, Parichehr Shahlavi. Nutrition Assessment of Critically ill Patients in ICU wards of Imam Reza and Shohada Hospitals. 7th Iranian Clinical Pharmacy Congress. Tehran-Iran (2016) [Poster]
29. Farnaz Naeimzadeh, Shahram Emami, Ata Mahmoodpoor and **Hadi Hamishehkar**. Ciprofloxacin dosing assessment in critically ill elderly patients based on pharmacokinetic- pharmacodynamic analysis by Monte Carlo simulations. 8th Iranian Clinical Pharmacy Congress. Tehran-Iran (2017) [Poster]
30. Elaheh Shafiee and **Hadi Hamishehkar**. Impact of clinical pharmacist's intervention on albumin use in a university hospital. 8th Iranian Clinical Pharmacy Congress. Tehran-Iran (2017) [Poster]
31. **Hadi Hamishehkar**. Pharmacotherapy of IBS. 8th Iranian Clinical Pharmacy Congress. Tehran-Iran (2017) [Oral presentation]
32. **Hadi Hamishehkar**. Pharmacotherapy of Osteoarthritis. 8th Iranian Clinical Pharmacy Congress. Tehran-Iran (2017) [Oral presentation]

Papers

1. **Hamishehkar H**, Gholami KH. Applied information in medical instruments, journal razi, 2008, 4: 6-11
2. Davaran S, Rashidi MR, Javadi M, **Hamishehkar H**. Preparation and in-vitro study of 17- β -estradiol and levonorgestrel transdermal patches using novel transdermal permeation enhancers, Pharmaceutical Sciences, 2008 Autumn: 25-32.
3. Simin Dashti-Khavidaki, Hossein Khalili, **Hadi Hamishekar**, Sheida Shahverdi. Clinical pharmacy services in an Iranian teaching hospital: a descriptive study. Pharm World Sci, 2009 31(6):696-700
4. Abrishami R., Ahmadi A., Abdollahi M., Moosivand A., Khalili H., Najafi A., Gholami K., **Hamishehkar H.**, Peivandi Yazdi A., Mojtahedzadeh M. Comparison the inflammatory effects of early supplemental parenteral nutrition plus enteral nutrition versus enteral nutrition alone in critically ill patients. Daru. 2010 18(2):103-6.
5. **Hadi Hamishehkar**, Mohammad Taghi Beigmohammadi, Mohammad Abdollahi, Arezoo Ahmadi, Ata Mahmoodpour, Mohammad Reza Mirjalili, Ramin Abrishami¹, Mohammad Reza Khoshayand, Maryam Baeeri, Mojtaba Mojtahedzadeh. Identification of enhanced cytokine generation following sepsis. Dream of magic bullet for mortality prediction and therapeutic evaluation. Daru. 2010 18(3):155-62
6. Shiehmorteza M., Ahmadi A., Abdollahi M., Nayeypour M., Mohammadi M., **Hamishehkar H.**, Najafi A., Pazoki M., Mojtahedzadeh M. Recombinant human erythropoietin reduces plasminogen activator inhibitor and ameliorates pro-inflammatory responses following trauma. DARU 2011 19(2):159-65
7. S. Mousavi, M. Abdollahi, A. Ahmadi, A. Najafi, M. Pazouki, M. hadjibabaie, S. Ziaee, **H. Hamishehkar**, A. kebriaeezadeh, M. Mojtahedzadeh. The dilemma of hyperoxia following positive pressure mechanical ventilation: role of iron and the benefit of iron chelation with deferasirox. Eur Rev Med Pharmacol Sci 2011 15(10):1141-48
8. Shadi Ziaie, Hamidreza Jamaati, Mannan Hajimahmoodi, Seyyed Mohammadreza Hashemian, Fanak Fahimi, Behrooz Farzanegan, Ghazaleh Moghaddam, Golnar Radmand, Behzad Vahdani, Seyed Alireza Nadji, Sarah Mousavi, **Hadi Hamishehkar** and Mojtaba Mojtahedzadeh. The Relationship between Vitamin E Plasma and BAL Concentrations, SOD Activity and Ventilatory Support Measures in Critically Ill Patients. Iranian Journal of Pharmaceutical Research 2011 10 (4):953-60
9. Emami S, **Hamishehkar H**, mahmoodpoor A, Mashayekhi S, asgharian P. Errors of oral medication administration in a patient with enteral feeding tube. Journal of Research in Clinical Pharmacy 2012 1(1):37-40 (*corresponding author*)
10. **Hadi Hamishehkar**, Mohammad Taghi Beigmohammadi, Mohammad Abdollahi, Sarah Mousavi, Shadi Ziaie, Ramazan Ali Sharifian, Setareh Davoudi, Mojtaba

- Mojtahedzadeh. Pro-inflammatory cytokine profile of critically ill septic patients following therapeutic plasma exchange. *Transfus Apher Sci.* 2013 48(1):75-8
11. Mahnaz Mazandarani, Fardin Yousefshahi, Mohammad Abdollahi, **Hadi Hamishehkar**, Khosro Barkhordari, Mohammad Ali Boroomand, Arash Jalali, Arezoo Ahmadi, Reza Shariat Moharari, Mona Bashirzadeh and Mojtaba Mojtahedzadeh. Comparison of hypertonic saline versus normal saline on cytokine profile during CABG. *DARU Journal of Pharmaceutical Sciences* 2012 20(1):49-56
 12. Bahador Mirrahimi, **Hadi Hamishehkar**, Arezo Ahmadi, Mohamad Reza Mirjalili, Mostafa Aghamohamadi, Atabak Najafi, Mohammad Abdollahi and Mojtaba Mojtahedzadeh. The efficacy of magnesium sulfate loading on microalbuminuria following SIRS: One step forward in dosing. *DARU Journal of Pharmaceutical Sciences* 2012 20(1):74-80
 13. Kaveh Eslami, Ata Mahmoodpoor, Arezoo Ahmadi, Mohammad Abdollahi, Koorosh Kamali, Sarah Mousavi, Atabak Najafi, Maryam Baeeri, **Hadi Hamishehkar**, Leila Kouti, Mohammad Reza Javadi and Mojtaba Mojtahedzadeh. Positive effect of septimeb™ on mortality rate in severe sepsis: a novel non antibiotic strategy. *DARU Journal of Pharmaceutical Sciences* 2012 20(1):40-48
 14. Simin Mashayekhi, Mohammad Reza Sattari, Nasrin Maleki-Dizaji, Masoud Asadi, Mina Islamboulchilar, Alireza Parvizpour, Mahasti Alizadeh, Ali Esfahani, Mohammad Reza Ardalan, Mohammad Hossein Soumi, Mehdi Farhoodi, Fatemeh Ranjbar, Mojtaba Varshochi, **Hadi Hamishehkar**. Pharmacy Students' Self-Identified Interests in a Hospital Pharmacy Internship Course in Iran. *Res Dev Med Educ*, 2012 1(2):49-53
 15. Mahmoodpoor A, Soleimanpour H, **Hamishehkar H**. Multi organ failure following intravenous gasoline for suicide: a case report. *Acta Med Iran.* 2012;50(12):846-8.
 16. Sattari M, Dilmaghanizadeh M, **Hamishehkar H**, Mashayekhi SO. Self-reported Use and Attitudes Regarding Herbal Medicine Safety during Pregnancy in Iran. *Jundishapur J Nat Pharm Prod.* 2012 7(2):13-17.
 17. Mahmoodpoor A, Peyrovi-far , **Hamishehkar H**, Bakhtyari Z, Mirinezhad MM, Hamidi M, Golzari SE. Comparison of prophylactic effects of polyurethane cylindrical or tapered cuff and polyvinyl chloride cuff endotracheal tubes on ventilator-associated pneumonia.. *Acta Med Iran.* 2013 Aug 7;51(7):461-6.
 18. Ebrahimi-Mameghani, M., Sanaie, S., Mahmoodpoor, A., **Hamishehkar, H**. Effect of a probiotic preparation (VSL#3) in critically ill patients: A randomized, double-blind, placebo-controlled trial (pilot study). *Pakistan Journal of Medical Sciences* 2013 29(2):490-494
 19. Sattari M, Sheykhi D, Nikanfar A, Hosseyn Pourfeizi A, Nazari M, Dolatkah R, **Hamishehkar H**, Mashayekhi SO. The Adverse Effects of Thalassemia Treatments Including Blood Transfusion and Main Pharmacological Therapies. *Pharmaceutical Sciences* 2013;18(4):199-204

20. Sadeghi K, Hadi F, Ahmadi A, **Hamishehkar H**, Beigmohammadi MT, Mahmoodpoor A, Rouini MR, Farhudi S, Hendoui N, Najafi A, Mojtahedzadeh M. Total Phenytoin concentration is not well correlated with active free drug in critically-ill head trauma patients. *J Res Pharm Pract.* 2013 Jul;2(3):105-9.
21. Zolali E, **Hamishehkar H**, Maleki-Dizaji N, Majidi Zolbanin N, Ghavimi H, Kouhsoltani M, Asgharian P. Selenium effect on oxidative stress factors in septic rats. *Adv Pharm Bull.* 2014;4(3):289-93 (*corresponding author*)
22. **Hamishehkar H**, Vahidinezhad M, Mashayekhi SO, Asgharian P, Hassankhani H, Mahmoodpoor A. Education alone is not enough in ventilator associated pneumonia care bundle compliance. *J Res Pharm Pract.* 2014 Apr;3(2):51-5.
23. **Hamishehkar H**, Zoghi E, Chavoushi H, Mashayekhi S O, Asgharian P, Entezari-Maleki T, Rezaee H. Utilization Evaluation of Antimicrobial Agents in Neutropenic Cancer Patients in a Teaching hospital: Urgent of Drug Utilization Evaluation Studies. *J Pharm Care* 2014; 2 (1): 3-9.
24. **Hamishekar H**, Shadvar K, Taghizadeh M; Golzari S, Mojtahedzadeh M, Soleimanpour H, Mahmoodpoor A. Ventilator-Associated Pneumonia in Patients Admitted to Intensive Care Units, Using Open or Closed Endotracheal Suctioning. *Anesth Pain Med.* 2014 December; 4(5): e21649
25. **Hamishehkar H**, Khamechi M , Naghili B, Rezaee H. Evaluation of Medication Errors in an Infectious Diseases Ward of a Teaching Hospital in Iran. *Pharmaceutical sciences*, 2014, 20, 66-69
26. Parish M, Valiyi F, **Hamishehkar H**, Sanaie S, Asghari Jafarabadi M, Golzari SE, Mahmoodpoor A. The Effect of Omega-3 Fatty Acids on ARDS: A Randomized Double-Blind Study. *Adv Pharm Bull.* 2014 Dec;4(Suppl 2):555-61
27. Sanaie S, Ebrahimi-Mameghani M, **Hamishehkar H**, Mojtahedzadeh M, Mahmoodpoor A. Effect of a multispecies probiotic on inflammatory markers in critically ill patients: A randomized, double-blind, placebo-controlled trial. *J Res Med Sci.* 2014 Sep;19(9):827-33
28. **Hamishekar H**, Shadvar K, Taghizadeh M, Golzari S, Mojtahedzadeh M, Soleimanpour H, Mahmoodpoor A. Ventilator-associated pneumonia in patients admitted to intensive care units, using open or closed endotracheal suctioning. *Anesth Pain Med.* 2014 Dec; 4(5): e21649.
29. Ghavimi H, Charkhpour M, Ghasemi S, Mesgari M, **Hamishehkar H**, Hassanzadeh K, Arami S, Hassanzadeh K. Pioglitazone prevents morphine antinociceptive tolerance via ameliorating neuroinflammation in rat cerebral cortex. *Pharmacol Rep.* 2015 Feb;67(1):78-84.
30. **Hamishehkar H**, Ebrahimi D, Mahmoodpoor A, Mashayekhi SO, Asgharian P, Rezaee H. Drug Utilization Evaluation of Vancomycin in a Teaching Hospital in Tabriz-Iran. *Pharm Sci.* 2015;21(1):25-29
31. Zolali E, Asgharian P, Hamishehkar H, Kouhsoltani M, Khodaii H, **Hamishehkar H**.

- Effects of gamma oryzanol on factors of oxidative stress and sepsis-induced lung injury in experimental animal model. *Iran J Basic Med Sci.* 2015 Dec; 18(12): 1257–1263. *(corresponding author)*
32. Aslanabadi N, Shirzadi HR, Asghari-Soufi H, Dousti S, Ghaffari S, Sohrabi B, Mashayekhi SO, **Hamishehkar H**, Entezari-Maleki T. A pilot randomized trial of pentoxifylline for the reduction of periprocedural myocardial injury in patients undergoing elective percutaneous coronary intervention. *Eur J Clin Pharmacol.* 2015 Feb;71(2):143-9
33. Valizadeh S, Rasekhi M, Hamishehkar H, Asadollahi M, **Hamishehkar H**. Medication errors in oral dosage form preparation for neonates: The importance of preparation technique. *J Res Pharm Pract.* 2015 Jul-Sep;4(3):147-52. *(corresponding author)*
34. Aslanabadi N, Safaie N, Shadfar F, Taban-Sadeghi MR, Feizpour H, Mashayekhi SO, **Hamishehkar H**, Aghdam NK, Dousti S, Namdar H, Entezari-Maleki T. The pattern and risk factors associated with adverse drug reactions induced by Reteplase in patients with acute ST-elevation myocardial infarction: The first report from Iranian population. *J Res Pharm Pract.* 2015 Oct-Dec;4(4):206-11
35. Gholami K, Talasaz AH, Entezari-Maleki T, Salarifar M, Hadjibabaie M, Javadi MR, Dousti S, **Hamishehkar H**, Maleki S. The Effect of High-Dose Vitamin D3 on Soluble P-Selectin and hs-CRP Level in Patients with Venous Thromboembolism: A Randomized Clinical Trial. *Clin Appl Thromb Hemost. Clinical and Applied Thrombosis/Hemostasis* 2016 22(5):483-489
36. Entezari-Maleki T, Dousti S, **Hamishehkar H**, Gholami K. A systematic review on comparing 2 common models for management of warfarin therapy; pharmacist-led service versus usual medical care. *J Clin Pharmacol.* 2016 56(1):24-38
37. **H. Hamishehkar**, P. Shadmehr, A. Mahmoodpoor, S. O. Mashayekhi, T. Entezari-Maleki. Antimicrobial susceptibility patterns among bacteria isolated from intensive care units of the largest teaching hospital at the northwest of Iran. *Brazilian Journal of Pharmaceutical Sciences* 2016 52(3):403-412
38. Shafiee E, Rezaee H, Entezari Maleki T, **Hamishehkar H**. The Evaluation of Albumin Use in an Iranian University Hospital. *Pharmaceutical Sciences*, September 2016, 22, 186-189 *(corresponding author)*
39. Aslanabadi N, Safaie N, Asgharzadeh Y, Houshmand F, Ghaffari S, Garjani A, Dousti S, **Hamishehkar H**, Entezari-Maleki T. The randomized clinical trial of coenzyme Q10 for the prevention of periprocedural myocardial injury following elective percutaneous coronary intervention. *Cardiovascular Therapeutics* 2016; 34: 254–260
40. Shadvar K, Azizi F, Mahmoodpoor A, Hamishehkar H, Naghipour B, Movassaghi R. Effect of Desmopressin in Reducing Bleeding after Cardiac Surgery in Patients

Receiving Anti-Platelet Agents. *Advances in Bioscience & Clinical Medicine* 2016 4(3):1-6

41. Mahmoodpoor A, **Hamishehkar H**, Shadvar K, Beigmohammadi MT, Iranpour A, Sanaie S. Relationship between glycated hemoglobin, Intensive Care Unit admission blood sugar and glucose control with ICU mortality in critically ill patients. *Indian Journal of Critical Care Medicine* February 2016 20(2):13-17
42. Mahmoodpoor A, **Hamishehkar H**, Beigmohammadi MT, Sanaie S, Shadvar K, Soleimanpour H, Rahimi A, Safari S. Predisposing Factors for Hypoglycemia and Its Relation With Mortality in Critically Ill Patients Undergoing Insulin Therapy in an Intensive Care Unit. *Anesth Pain Med.* 2016 31;6(1):e33849.
43. Shadvar K, Mahmoodpoor A, Nazari MR, **Hamishehkar H**, Bilejani E, Naghipour B, Movassaghi R. Causes and risk factors of reintubation in Shahid Madani cardiac surgery ICU during 2012-2013. *Advances in Bioscience & Clinical Medicine* 2016 4(2):39-43
44. Mahmoodpoor A, **Hamishehkar H**, Shadvar K, Sanaie S, Iranpour A, Fattahi V. Validity of bedside blood glucose measurement in critically ill patients with intensive insulin therapy. *Indian Journal of Critical Care Medicine* 2016 20(11):29-33
45. **Hamishehkar H**, Ranjdoost F, Asgharian P, Mahmoodpoor A, Sanaie S. Vitamins, Are They Safe? *Adv Pharm Bull*, 2016, 6(4), 467-477
46. Mahmoodpoor A, **Hamishehkar H**, Hamidi M, Shadvar K, Sanaie S, Golzari S, Hussain Khan Z, Nader N. A prospective randomized trial of tapered-cuff endotracheal tubes with intermittent subglottic suctioning in preventing ventilator-associated pneumonia in critically ill patients. *Journal of Critical Care* 2017 38:152–156
47. Hejazi ME, Modarresi-Ghazani F, **Hamishehkar H**, Mesgari-Abbasi M, Dousti S, Entezari-Maleki T. The Effect of Treatment of Vitamin D Deficiency on the Level of P-Selectin and hs-CRP in Patients With Thromboembolism: A Pilot Randomized Clinical Trial. *The Journal of Clinical Pharmacology* 2017 57(1) 40–47
48. Ghaffary S, Entezari-Maleki T, Abdollahpour J, **Hamishehkar H**. Measurement and Comparison of Inpatient Antibiotic Use in Five Different Hospitals in Tabriz. *Pharmaceutical Sciences* 2017 23:37-41 (*corresponding author*)
49. Rezaee H, Najafipour F, Ranjdoust F, Sadra V, **Hamishekar H**, Najafipour M, Zareizadeh J, Janipour M. Evaluation of Serum Vitamin D Levels in Patients with Hashimoto's Thyroiditis. *International Journal of Advanced Biotechnology and Research (IJBR)*. 2017 8(2):890-895

50. Mahmoodpoor A, Shadvar K, Saghaleini SH, Koleini E, **Hamishehkar H**, Ostadi Z, Nader ND. Which one is a better predictor of ICU mortality in septic patients? Comparison between serial serum lactate concentrations and its removal rate. *J Crit Care*. 2017 Oct 17;44:51-56
51. **Hamishehkar H**, Sanaie S, Fattahi V, Mesgari M, Mahmoodpoor A. The Effect of Furosemide on the Level of Neutrophil Gelatinase-associated Lipocalin in Critically Hospitalized Patients with Acute Kidney Injury. *Indian J Crit Care Med*. 2017 Jul;21(7):442-447
52. Mahmoodpoor A, **Hamishehkar H**, Fattahi V, Sanaie S, Arora P, Nader ND. Urinary versus plasma neutrophil gelatinase-associated lipocalin (NGAL) as a predictor of mortality for acute kidney injury in intensive care unit patients. *Journal of Clinical Anesthesia* 2018 44:12–17
53. Mahmoodpoor A, **Hamishehkar H**, Sanaie S, Behruzizad N, Iranpour A, Koleini E, Nader ND. Antioxidant reserve of the lungs and ventilator-associated pneumonia: A clinical trial of high dose selenium in critically ill patients. *J Crit Care*. 2018 Apr;44:357-362
54. Sadeghi K, **Hamishehkar H**, Najmeddin F, Ahmadi A, Hazrati E, Honarmand H, Mojtahedzadeh M. High-dose amikacin for achieving serum target levels in critically ill elderly patients. *Infect Drug Resist*. 2018 Feb 13;11:223-228.
55. Gavvani VZ, Mirzadeh-Qasabeh S, Hanaee J, **Hamishehkar H**. Calculating reading ease score of patient package inserts in Iran. *Drug, healthcare and patient safety*. 2018; 10: 9–19.
56. Aslanabadi N, Jafaripor I, Sadeghi S, **Hamishehkar H**, Ghaffari S, Toluey M, Azizi H, Entezari-Maleki T. Effect of Vitamin D in the Prevention of Myocardial Injury Following Elective Percutaneous Coronary Intervention: A Pilot Randomized Clinical Trial. *J Clin Pharmacol*. 2018 Feb;58(2):144-151.
57. Aghazadeh S, Nemati M, Sharif Nia E, **Hamishehkar H**. The cost benefit of Drugs and Medical consumables in common Global gynecological surgeries of two educational-therapeutic hospitals of Tabriz city. *Journal of Modern Medical Information Sciences* 2018, 3(2): 47-54
58. Mahmoodpoor A, Shadvar K, Saghaleini SH, Koleini E, **Hamishehkar H**, Ostadi Z, Nader ND. Which one is a better predictor of ICU mortality in septic patients? Comparison between serial serum lactate concentrations and its removal rate. *J Crit Care*. 2018 Apr;44:51-56.
59. Mahmoodpoor A, Shokouhi G, **Hamishehkar H**, Soleimanpour H, Sanaie S, Porhomayon J, Rasouli F, Nader ND. A pilot trial of l-carnitine in patients with

traumatic brain injury: Effects on biomarkers of injury. *J Crit Care.* 2018 Jun;45:128-132.

60. Ghavimi H, Sheidayi S, Vaez H, Zolali E, Asgharian P, **Hamishehkar H**. Metformin-attenuated sepsis-induced oxidative damages: a novel role for metformin. *Iranian Journal of Basic Medical Sciences* 2018 21 (5), 469-475 (*corresponding author*)
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