

Sepideh Saroukhani, MD

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EDUCATION:

- 2016- Present PhD in Epidemiology class of 2020, University of Texas Health Science Center at Houston, School of Public Health
- 2002-2010 Doctor of Medicine, Qazvin University of Medical Sciences

WORK EXPERIENCE:

- Current position **1-** Graduate Research Assistant at University of Texas Health Science Center, Center for Clinical and Translational Sciences (CCTS)
- 2-** Clinical Researcher at Texas Heart Institute, Stem Cell Center
- 2010- 2016 Post-doctoral Research Fellowship in cardiovascular disease at Tehran Heart Center, Tehran University of Medical Sciences
- Responsibilities included:
- Design, conduct and analysis of clinical trials, observational and population-based studies
 - Literature review
 - Scientific writing and peer-reviewed publication
 - Project executive manager of Tehran Heart Cohort Study (pilot phase)
 - Establishing Ischemic Diabetic Foot Revascularization data registry
 - Data manager of Ischemic Diabetic Foot Revascularization Data bank
 - Data manager of the Percutaneous Transvenous Mitral Commissurotomy (PTMC) data bank
- 2010 - 2015 Medical Practitioner at Tehran Heart Center, Tehran University of Medical Sciences
- Responsibilities included:
- Establishing the “Resistant Hypertension Clinic” at the center
 - Supervisor Physician of the “Resistant Hypertension Clinic” at the center
 - Physician at the Percutaneous Coronary Intervention Follow-up Clinics
- 2007-2009 Medical Student Researcher at Roozbeh Psychiatry Hospital, Tehran University of Medical Sciences
- Responsibilities included:
- Actively involved in the design, conduct, analyzing data and peer-review publication of Randomized Clinical Trials
 - Clinical Trial Coordinator

2006-2007 Medical Student Researcher at Research Center for Immunodeficiency, Pediatrics Center of Excellence, Tehran University of Medical Sciences

Responsibilities included:

- Research Assistant
- Peer-review publication

Medical Student Researcher, Laboratory of Marjan Nassiri-Asl Pharm.D., Ph.D., Neuro-Pharmacology Department of Qazvin University of Medical Sciences

Responsibilities included:

- Research Assistant
- Doctoral thesis: "The effects of rutin on the development of pentylenetetrazole kindling and memory retrieval in rats"

RESEARCH SKILLS:

- Study design
- Data analysis
- Working with statistical packages (SPSS, STATA, SAS)
- Working with reference management software package (EndNote, RefWork)
- Literature review
- Scientific writing and publication
- Scientific paper critical appraisal
- Data bank and registries development and management
- Data cleaning
- Microsoft Office
- Familiar with SQL Server, REDCap, Qualtrics and Adobe Photoshop

PUBLICATION:

1. Nassiri-Asl M, Saroukhani S, Zamansoltani F. Anticonvulsant effects of aqueous extract of Glycyrrhiza glabra root in PTZ-induced seizure in mice. International journal of pharmacology 2007;3(5):432-4.
2. Saroukhani S, Aghamohammadi A, Mahmoudi-Gharaei J, Abolhassani H, Cheraghi T, Imanzadeh A, Moazzami K, Parvaneh N, Rezaei N. Behavior abnormality following intravenous immunoglobulin treatment in patients with primary antibody deficiencies. Human Psychopharmacology: Clinical and Experimental 2010;25(5):419-22.
3. Nassiri-Asl M, Mortazavi S-R, Samiee-Rad F, Zangivand A-A, Safdari F, Saroukhani S, Abbasi E. The effects of rutin on the development of pentylenetetrazole kindling and memory retrieval in rats. Epilepsy & Behavior 2010;18(1):50-3.
4. Aghamohammadi A, Montazeri A, Abolhassani H, Saroukhani S, Pourjabbar S, Tavassoli M, Darabi B, Imanzadeh A, Parvaneh N, Rezaei N. Health-related quality of life in primary antibody deficiency. Iranian Journal of Allergy, Asthma and Immunology 2011;10(1):47-51.

5. Mansoori P, Akhondzadeh S, Raisi F, Ghaeli P, Jamshidi A, Nasehi A, Sohrabi H, Saroukhani S. A randomized, double-blind, placebo-controlled study of safety of the adjunctive saffron on sexual dysfunction induced by a selective serotonin reuptake inhibitor. *Journal of Medicinal Plants* 2011;1(37):121-30.
6. Salarifar M, Kassaian SE, Alidoosti M, Haji-Zeinali AM, Poorhoseini HR, Nematipour E, Amirzadegan A, Saroukhani S. One-year clinical outcomes of ultra long apollo polymer-based Paclitaxel-eluting stents in patients with complex, long coronary artery lesions. *The journal of Tehran Heart Center* 2011;6(3):138.
7. Modabbernia A, Sohrabi H, Nasehi A-A, Raisi F, Saroukhani S, Jamshidi A, Tabrizi M, Ashrafi M, Akhondzadeh S. Effect of saffron on fluoxetine-induced sexual impairment in men: randomized double-blind placebo-controlled trial. *Psychopharmacology* 2012;223(4): 381-8.
8. Kashani L, Raisi F, Saroukhani S, Sohrabi H, Modabbernia A, Nasehi AA, Jamshidi A, Ashrafi M, Mansouri P, Ghaeli P. Saffron for treatment of fluoxetine-induced sexual dysfunction in women: randomized double-blind placebo-controlled study. *Human Psychopharmacology: Clinical and Experimental* 2013;28(1):54-60.
9. Kassaian S, Mohajeri-Tehrani M, Dehghan-Nayyeri A, Saroukhani S, Annabestani Z, Alidoosti M, Shirani S, Shojaei-Fard A, Molavi B, Poorhosseini H. Major adverse events, six months after endovascular revascularization for critical limb ischemia in diabetic patients. *Archives of Iranian medicine* 2013;16(5):258-263.
10. Saroukhani S, Emami-Parsa M, Modabbernia A, Ashrafi M, Hajiaghaee R, Akhondzadeh S. Aspirin for treatment of lithium-associated sexual dysfunction in men: randomized double-blind placebo-controlled study. *Bipolar Disorders* 2013;15(6):650-656.
11. Annabestani Z, Kassaian SE, Mohajeri-Tehrani MR, Mohseni S, Saroukhani S, Larijani B. Retrograde Trans-Femoral Approach for Successful Percutaneous Angioplasty in a Diabetic Patient with Ischemic Hand Ulcer: A Case Report. *The Journal of Tehran University Heart Center* 2013;8(4):205-9.
12. Salarifar M, Mousavi M-R, Saroukhani S, Nematipour E, Kassaian SE, Alidoosti M, Poorhosseini H-R, Haji-Zeinali A-M, Nozari Y, Hosseini K. Percutaneous coronary intervention to treat chronic total occlusion: Predictors of technical success and one-year clinical outcome. *Texas Heart Institute Journal* 2014;41(1):40-7.
13. Shahmansouri N, Farokhnia M, Abbasi S-H, Kassaian SE, Tafti A-AN, Gougol A, Yekehtaz H, Forghani S, Mahmoodian M, Saroukhani S. A randomized, double-blind, clinical trial comparing the efficacy and safety of *Crocus sativus* L. with fluoxetine for improving mild to moderate depression in post percutaneous coronary intervention patients. *Journal of affective disorders* 2014;155:216-22.
14. Davoodi G, Bagheri A, Yamini-Sharif A, Boroumand M, Saroukhani S, Sahebjam M. Evaluation of In-Hospital NT-proBNP Changes in Heart Failure Patients to Identify the Six-Month Clinical Response Following Cardiac Resynchronization Therapy. *Acta Med Iran* 2014;52(1):15-23.
15. Nozari Y, Vosooghi S, Boroumand M, Poorhosseini H, Nematipour E, Salarifar M, Kassaian S, Amirzadegan A, Alidoosti M, Haji-Zeinali A, Saroukhani S. The impact of cytochrome P450 2C19

polymorphism on the occurrence of one-year in-stent restenosis in patients who underwent percutaneous coronary intervention: A case-match study. *Anatolian journal of cardiology*2015;15(5):348-53.

16. Kassaian S-E, Saroukhani S*, Alaeddini F, Salarifar M, Capodanno D, Poorhoseini H, Lotfi-Tokaldany M, Leesar MA, Aghajani H, Hakki-Kazzazi E. A Risk-Scoring Model to Predict One-year Major Adverse Cardiac Events after Percutaneous Coronary Intervention. *The Journal of Tehran University Heart Center*2015;10(4):167-75
17. Poorhoseini H, Kassaian S, Hoseini K, Saroukhani S, Salarifar M, Alidoosti M, Nematipour E, Haji-Zeinali A, Amirzadegan A, Seyyed MM. Comparing clinical outcomes for a twelve-month trial of zotarolimus-and everolimus-eluting stents in patients with coronary artery disease: data from the THCRIC registry. *Therapeutic advances in cardiovascular disease*2016;10(4):206-13.
18. Parsa E, Saroukhani S, Majlessi F, Poorhosseini H, Lofti-Tokaldany M, Jalali A, Salarifar M, Nematipour E, Alidoosti M, Aghajani H. Biodegradable-Polymer Biolimus-Eluting Stents versus Durable-Polymer Everolimus-Eluting Stents at One-Year Follow-Up: A Registry-Based Cohort Study. *Texas Heart Institute Journal*2016;43(2):126-30.
19. Alidoosti M, Saroukhani S, Lotfi-Tokaldany M, Jalali A, Sobh-Rakhshankhah A. Objectifying the level of incomplete revascularization by the residual SYNTAX score and evaluating its impact on the one-year outcome of percutaneous coronary intervention in patients with multi-vessel disease. *Cardiovascular Revascularization Medicine*2016;17(5):308–12.
20. Kassaian S, Fathi Y, Lotfi-Tokaldany M, Salarifar M, Alidoosti M, Haji-Zeinali A, Aghajani H, Amirzadegan A, Nozari Y, Mortazavi S, Jalali A, Saroukhani S. Comparison of 1-year Major Adverse Cardiac Events in Patients Undergoing Primary Percutaneous Coronary Intervention Receiving Intracoronary Bolus Only Versus Intracoronary Bolus Plus Infusion of Glycoprotein IIb/IIIa Inhibitors. *Critical pathways in cardiology*2016;15(3):89-94.

UNDER REVIEW PAPERS:

1. Kassaian SE, Darabi F, Jalali A, Boroumand M, Salarifar M, Poorhoseini H, Nematipour E, Anvari M, Goodarzynejad H, Masoudkabar F, Abbasi SH, Mortazavi SH, Saroukhani S. Glycosylated hemoglobin (HbA1c) levels and the long-term major adverse cardiac events in diabetic patients following percutaneous coronary artery stenting.
2. Andishmand A, Saroukhani S, Poorhoseini H, Salarifar M, Kassaian SE, Haji-Zeinali A, Alidoosti M, Amirzadegan A, Hakki E, Nematipour E. Impact of Reduced Glomerular Filtration Rate on Determinants of One-year Mortality among Patients Undergoing Percutaneous Coronary Intervention.
3. Nozari Y, Geraiely B, Saroukhani S, Jalali A, Poorhosseini H, Nematipour E, Salarifar M, Kassaian SE, Amirzadegan A, Alidoosti M, Haji-Zeinali A. The Association between Modified Intracoronary Thrombus Grade and Cardiovascular Risk Factors and Initial Laboratory Findings in Patients Undergoing Primary Percutaneous Coronary Intervention.

4. Application of Short Message Service (SMS) to Control Blood Cholesterol. Saadat S, Shams M, Shahrzad M, Sadeghian S, Saroukhani S.

CERTIFICATION AND WORKSHOPS:

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| 2017 | Interprofessional Team Training Workshop Certification, The University of Texas Health Science Center at Houston (UTHealth) |
| 2017 | Biomedical Researcher and Key Personnel basic course Certificate, Collaborative Institutional Training Initiative (CITI Program) |
| 2013 | Online Course of Writing in the Science, Stanford School of Medicine, California. |
| 2012 | Advance Biostatistics, Tehran Heart Center, Tehran University of Medical Sciences |
| 2011 | SQL Server 2008 Course, Tehran Heart Center, Tehran University of Medical Sciences |
| 2010 | Endnote Software Workshop, Tehran University of Medical Sciences |
| 2007 | Research Methods Workshop (basic & advanced), Tehran University of Medical Sciences |
| 2007 | SPSS Workshop (basic & advanced level), Tehran University of Medical Sciences |
| 2007 | Scientific Writing Workshop, Tehran University of Medical Sciences |

CONFERENCE PRESENTATIONS:

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| 2013 | International Conference on Psychology, Autism and Alzheimer's Disease, San Antonio, TX, USA |
| 2008 | 21 st International Medical Sciences Student Congress, Istanbul, Turkey |
| 2007 | 18 th Iranian Congress of Physiology & Pharmacology, Mashhad, Iran |

AWARDS:

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| 2007 | Best Student Researcher Award, Qazvin University of Medical Sciences |
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LANGUAGE SKILLS:

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| Farsi | Native Speaker |
| English | Fluent |

Other Professional Memberships and work experiences:

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| 2010-present | Iranian Medical Association (Council) |
| 2007-2010 | Member of the student research committee of Tehran University of Medical Sciences |
| 2005-2007 | Coordinator of the student research committee of Qazvin University of Medical Sciences |