

*November 20th, 2014*

## *Curriculum Vita*

### *Scott Reza Jafarian Kerman, MD*

*Date and place of birth:* August 29<sup>th</sup> 1985; California, USA

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### *Educational and academic Timeline*

2004: Ranked 245 in the nationwide university entrance examination (among about 0.6 million participants)

2004-2010: Medical student, Iran University of Medical Sciences (IUMS) (3rd national rank in medicine universities) passed with Grade A

2010- 2012: Medical Intern, Tehran University of Medical Sciences (TUMS) (1st national rank in medicine universities) passed with Grade A

2013- Present: Research Associate in Cardiology, Iran University of Medical Sciences, Tehran, Iran

## ***Compiled Books***

- Jafarian Kerman SR, Aslani Menarebazari R, Danesh H. Abstract of Basic Pathology, GBS book series. Tehran: Teymourzadeh medical publications; 2010 (in Farsi)
- Jamali A, Paydari K, Jafarian Kerman SR, et al. How to write a scientific article? From the research handbooks series of SSRC-TUMS.

## ***Published Articles***

- Moradi S, Mollabashi M, Jafarian Kerman SR. Relation between Serum C-Reactive Protein Levels and Body Mass Index in patients with Polycystic Ovarian Syndrome. *Gynecol Endocrinol.* 2011 Jul;27(7):480-5
- Hajsadeghi S, Chitsazaan M, Pouraliakbar HR, Jafarian Kerman SR. Swyer James McLoad syndrome. *Iran Cardiovas Res J.* 4(3):134-138; 2010
- Hajsadeghi S, Gholami S, Jafarian Kerman SR, Khamseh ME, et al. IGF-I concentration and changes in critically ill patients. *J Res Med Sci.* 16(2): 170-178, 2011
- Hajsadeghi S, Gholami S, Gohardehi G, Seifi Moghadam N, Shafiee Sabet A, Jafarian Kerman SR, Moradi M. Association of Troponin T and ICU mortality, a changing trend. *Cardiovasc J Afr.* 2012 May; 23(4):186-90.
- Hajsadeghi S, Jafarian Kerman SR, Farsi N. Limb Ischemia and Dyspnea; A Plausible Indication of Paradoxical Embolism. *Iran Cardiovasc Res J* 2011;5(2):73-76
- Shidfar F, Moghayedi M, Jafarian Kerman SR, Hosseini S, Shidfar S. Effects of a calcium supplement on serum lipoproteins, apolipoprotein B, and blood pressure in overweight men. *Int J Endocriol Metab.* 2010; 8(4):194 -200.
- Moradi S, Salari F, Jafarian Kerman SR. Association between diabetes Complications and leukocyte Count in Iranian patients. *J Inflamm Res.* 2012;5:7-11
- Hajsadeghi S, Tavakkoli N, Jafarian Kerman SR, Shahabadi A, Khojandi M. Electrocardiography findings and serum Troponin I in carbon monoxide poisoned patients. *Acta Med Iran.* 2012; 50(3):185-91.

- Hajsadeghi S, Jafarian Kerman SR, Khojandi M, Vaferi H, Ramezani R, Movasseghi Jourshari N, Mousavi SAJ, Pouraliakbar HR. Accuracy of D-dimer/fibrinogen ratio to predict developing of pulmonary thromboembolism in patients admitted to intensive care units. *Cardiovasc J Afr.* 2012 Sep;23(8):446-56
- Sezavar SH, Farahani B, Gholami S, Moradi M, Zarei M, Ganji M, Miri S, Khalili N, Jafarian Kerman SR. Association of Aspirin intake and myocardial infarction size. *GMJ.* 2012; 1(1):35-3
- Moradi S, Jafarian Kerman SR, Mollabashi M. The effect of Topiramate on weight loss in patients with type two diabetes. *J Res Med Sci.* 2013 Apr; 18(4):297-302.
- Hajsadeghi S, Kashani Amin L, Bakhshandeh H, Rohani M, Azizian AR, Jafarian Kerman SR. The Diagnostic Value of N-terminal Pro-brain Natriuretic Peptide in Differentiating Cardioembolic Ischemic Stroke. *J Stroke Cerebrovasc Dis.* 2013 May; 22(4):554-60.
- Hajsadeghi S, Jafarian Kerman SR, Pouraliakbar H, Mohammadi R. A huge coronary artery aneurysm in osteogenesis imperfecta: a case report. *Acta Med Iran.* 2012 Nov; 50(11):785-8.
- SRJ Kerman. Aspirin Resistance, True or False? *GMJ* 2 (4), 133-134. (Editorial)
- Hajsadeghi S, Oraii S, Riahi H, Sezavar S, Ghanooni A, Jafarian-Kerman S, Ahmahi R. Atrial Dissociation in a Middle Aged Patient: a Case Report. *Acta Med Iran* 2014; 52(8):641-643.
- Hajsadeghi S, Kerman SRJ, Joodat R, Hejratie M, Vaferi H, Farsi N, et al. Deep Vein Thrombosis, Demographic Characteristics and Risk Factors in Iran. *GMJ* 2013; 2 (4):135-140
- Moshar S, Broumandpour M, Mohsenikia M, Jafarian Kermanm SR, Zavareie S, MousaviVaezi SY, Mirlohi SMJ. The Relation between Electrocardiogram Damage Rating and Hospitalization Outcome in Myocardial Infarction. *Thrita.* 2013 November; 2(2): 52-5.
- Maleki A, Samandari S, Almeida O, Jafarian Kerman SR, Abdolvand M, Aliyari F, Foroughi S. Correlation Between Hypertension, C-Reactive Protein and Serum Uric Acid With Psychological Well-being. *Iran Red Crescent Med J.* 2014 July; 16(7): e17205

### ***Manuscript under review***

- Hajsadeghi S, Samiee S, Hosseini SS, Hassanzadeh M, Jafarian Kerman SR. Novel echocardiographic indices as predictors of immediate recurrence after undersized ring annuloplasty for ischemic mitral regurgitation. (manuscript submitted 2014; MD thesis paper with grade A)
- García-Berrocó T, Antolín A, Giralt D, Llombart V, Montaner J, Jafarian Kerman SR, et al. B-type natriuretic peptides and cardio-embolic stroke: a large individual participants'; data meta-analysis shows clinical validity. (manuscript submitted 2014, in collaboration with Neurovascular Research Laboratory-Vall d'Hebron Institute of Research, Barcelona, Spain)
- Maleki A, Jafarian Kerman SR, et al. Aspirin resistance in different doses by bleeding time and urinary 11-dehydro-thromboxane B2. (manuscript submitted 2014, in collaboration with Lorestan University of medical Sciences)

### ***Presented Projects in congresses***

- Hajsadeghi S Jafarian Kerman SR, et al. Association of Troponin T and ICU mortality, a changing trend
  - presented as poster in Students International conference on biomedical and interdisciplinary research (SICOB AIR), Tehran, Iran; May 2009
- Sezavar SH, Jafarian Kerman SR, et al. Association of aspirin intake and myocardial infarction size
  - presented as poster in 9th YES meeting, Porto, Portugal; September 200
- Tavakkoli N, Jafarian Kerman SR. Assessment of correlation between serum brain natriuretic protein (BNP) and early prognosis in patient with acute coronary syndrome (ACS).
  - Presented as Poster in 11th Iranian annual medical research congress, Bandar-Abbas, Iran; April 2010

- Moradi S, Jafarian Kerman SR. Association between diabetes macro-vascular and micro-vascular complications and white blood cell count in patients with diabetes mellitus type 2.
  - Presented as Poster in 11th Iranian annual medical research congress, Bandar-Abbas, Iran; April 2010
- Moradi S, Jafarian Kerman SR. Relation between Serum C- Reactive Protein Levels and Body Mass Index in patients with Polycystic Ovarian Syndrome.
  - Presented as poster in International Students' Conference on Medical Sciences (ISCOMS), Groningen, the Netherlands; May 2010
- Hajsadeghi S, Jafarian Kerman SR, et al. Accuracy of d-dimer/fibrinogen ratio on predicting PTE in ICU patients.
  - Presented as a poster in 5<sup>th</sup> Middle East Cardiovascular Congress, Kish, Iran; February 2011.
- Hajsadeghi S, Jafarian Kerman SR, et al. Electrocardiography parameters changes in Carbon monoxide poisoned patients.
  - Presented orally in 12th Iranian annual medical research congress, Isfahan, Iran (SICOBAIR 2011); September 2011
- Shidfar F, Jafarian Kerman SR, et al. Effects of a calcium supplementation on serum lipoproteins, Apo-lipoprotein B, and blood pressure in overweight men.
  - Presented as a poster in 1<sup>st</sup> International Students Conference on Cardiovascular Research (ISCCR), Yazd, Iran, September 2011
- Hajsadeghi S, Jafarian Kerman SR, et al. Deep vein thrombosis, demographic characteristics and risk factors in Iran.
  - Presented orally in 15th Tabriz International Medical Sciences Conference; Tabriz, Iran, August 2012
- Hajsadeghi S, Jafarian Kerman SR, et al. A huge coronary artery aneurysm in ontogenesis imperfecta: a case report.
  - Presented as a poster in 2nd international Student congress on cardiovascular research, Shiraz, Iran, February 2013
- B-type natriuretic peptides and cardio-embolic stroke: a large individual participants' data meta-analysis shows clinical validity.

- Presented orally in the 3rd Basic and Clinical Neuroscience congress, October 2014, Tehran, Iran.

### ***Registered Patents***

Artificial lower esophageal sphincter, No. 78962 registered in Iranian Patent organization

### ***Awards, Grants and prizes***

April 2010: Best prize in Internal Medicine poster session, 11th Iranian annual medical research congress, Bandar-Abbas, Iran

✓ Awarded for Iranian Ministry of health Research Grant

2011: Best Intern of Firoozgar Hospital, 2011.

November 2012 Best Student Reviewer in Annual Research Congress of Eastern Medical Sciences Students (ARCEMSS), Mashhad, Iran.

August 2012 Honored Intern in Motaharri Burns and Accidents Hospital for excellent sences of responsibility

August 2012 Best Student Workshop, 15th Tabriz International Medical Sciences Conference; Tabriz, Iran.

October 2012 Best Student Reviewer in 13th National Annual Research Congress of Medical Sciences. Babolsar (Babol University of Medical Sciences).

2013: Best Student researcher in Tehran University of Medical Sciences of 2012

✓ Awarded for TUMS Research Grant

## ***Teaching Experiences***

- Basic Research knowledge in Medical Sciences workshops for medical students; in:
  - Medical Students' Research Committee, IUMS: Winter 2009, Spring 2010, Autumn 2010, Winter 2010 and Summer 2011
- English Scientific writing in medical sciences; in:
  - Students Scientific Research Committee, TUMS: summer 2011 and autumn 2011
  - Laparoscopic surgery research center, Rasoul-e-Akram hospital, TUMS, Autumn 2011 (teacher and trainer)
- Sampling and sample size in medical studies; in:
  - Students Scientific Research Committee, TUMS, winter 2012
  - Firoozgar Clinical Research and Development Center, Firoozgar Hospital , TUMS, summer 2012 and winter 2012
  - Second Congress of Medical Student research Center of Tehran Network. Tehran, Iran Spring 2012
  - First International Cardiovascular Joint Congress, 2012, Tehran, Iran.
- General Research Methods and Scientific writing in medical sciences; in:
  - Laparoscopic surgery research center, Rasoul-e-Akram hospital, TUMS, Spring 2012
- How to deliver Oral and Poster presentation in Medical conferences; in:
  - 15th Tabriz International Medical Sciences Conference; Tabriz, Iran, August 2012
  - Student research Center, Mashhad University of medical Sciences, Autumn 2013 (instructor)
- Moderator: Street Workshop on Clinical Epidemiologic Studies; in:
  - 13th National Annual Research Congress of Medical Sciences. Babolsar, Babol University of Medical Sciences, October 2012.
- Training new trainers (TNT); in:
  - 14th Annual Research Congress of Medical Sciences. Held by Local IFMSA, Sari, Mazandaran, Iran, Autumn 2013
  - Yazd Research Summer School, Held by Local IFMSA, Yazd, Iran, Summer 2014
- Basic statistics in medicine and working with SPSS; in

- Medical Students' Research Committee, IUMS; Spring 2014
- Medical Journalism and publication strategy; in:
  - Medical Students' Research Committee, IUMS; summer 2014 and autumn 2014
- Research knowledge in Medical Sciences
  - Senior Mentor of Yazd Research Summer School, Yazd, Iran. Summer 2014

### ***Reviewing an judgment experiences***

- ***Medical Journals volunteer reviewer:***
  - Iranian Red Crescent Medical Journal
  - Acta Medica Iranica
  - Cardiovascular Journal of Africa
  - OMICS Publishing Group Journals
  - Dove Press Journals
  - Thrita Journal
  - Galen Medical Journal
  - Journal of Tehran Heart Center
  - European Journal of Cardiothoracic Surgery
  - Current Topics of Medicinal Chemistry
  - Bulletin of Emergency and Trauma
- ***Congress Students scientific board in***
  - 4<sup>th</sup> Northern Network students congress, Babolsar, Iran; Spring 2011
  - 12<sup>th</sup> national annual congress, SICOB AIR 2011, Isfahan, Iran; Summer 2011
  - 2<sup>nd</sup> Research Congress of Tehran network of Medical Students, Tehran, Autumn 2011
  - 1<sup>st</sup> ISCCR 2011, Yazd, Iran; Autumn 2011
  - 7<sup>th</sup> ARCEMSS 2011, Mashhad, Iran; Autumn 2011
  - Annual Research Congress of Western network of Medical Students; Winter 2012
  - 5<sup>th</sup> Northern Network students congress, Semnan, Iran, Spring 2012



- 13th National Annual Research Congress of Medical Sciences. Babolsar; Autumn 2012
- Young researcher session of International congress of pediatrics, Tehran, Iran, Autumn 2012
- Annual Research Congress of Southern network of Medical Students, Jahrom, autumn 2012
- 2<sup>st</sup> ISCCR 2012, Shiraz, Iran; Winter 2013
- 14th National Annual Research Congress of Medical Sciences. Sari; Autumn 2013
- Young researcher session of 12th International Congress of Immunology and Allergy of Iran, Spring 2014
- Congress of Microscopic Studies, Shiraz, Spring 2014
- National Research congress of Urmia Medical University, Summer 2014
- National students congress on Pharmaceutical sciences, Sari, Autumn 2014

### ***Professional Memberships***

- 2004-2010: Medical Student, Member of Medical Students' Research Center, IUMS
- 2009: Member of International Affairs Committee (International relations and English site manager), Students' International Conference on Biomedical and Interdisciplinary Research (SICOBAIR) 2009, Tehran, Iran
- 2007-present: Member of the National Organization for Development of Exceptional Talents
- 2009-2011: Researcher, head of Students Cardiology Research field, Medical Students Research Committee, IUMS
- 2011-2013: Researcher, head of Students Cardiology Research Community, Scientific Students Research Committee, TUMS
- 2011- Present: Associate Editor of Thritha Medical Journal

2012-2014: Member of Research Council of Tehran University of Medical Sciences

2012- Present: Founder and Associate editor of Galen Medical Journal

2013- present: Scientific editor in Kowsar Publishing Group

### ***Skills and Abilities***

Computer Skills: EndNote, Microsoft Office Excel, Word, and PowerPoint, SPSS for Windows, STATA and R programs

Research Skills: Expert in study design, protocol preparation, data management and analysis, and scientific writing

Teaching Skills: Expert in teaching methods and protocol evaluation

Foreign Language: Fluent in speaking, listening, reading, and writing English, Persian, and familiar with reading and writing Arabic

### ***Referee***

Dr. Shokoofeh Hajsadeghi, M.D.

Associate professor of Cardiology, Echocardiography fellow

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