

Title: Dr

Surname: Vakili

Forename: Hossein

Date & Place of Birth: 15th November 1960, Isfahan, Iran

Education:

Educational degrees:

1988 *MD. Shahid Beheshti University of Medical Sciences, Tehran, Iran*

1992 *Medical Specialty in Cardiology*

2004-2006 *Fellowship in Interventional Cardiology, Shahid Modarres Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.*

Occupation:

- 1994 *Director of Shahid Dr. Beheshti Hospital in Kashan.*
- 1995 *Member of Cultural Council of the Kashan University of Medical Sciences.*
- 1996 *Member of the Maternal and Neonatal Mortality Reduction Committee in Kashan.*
- 1996 *Principal Member of the Board of First Instance of the Kashan University of Medical Sciences Faculty Members Violations.*
- 1997 *Drug and Treatment Assistant Chancellor of Shahid Beheshti University of Medical Sciences.*
- 1999 *Director of Shahid Modarres Educational Hospital.*
- 2007 *Chairman of Examination Committee in the Twenty-Seventh Round of Examinations of Continuing Medical Education in 2008 in Shahid Beheshti University of Medical Sciences.*
- 2011 *Director of Shahid Modarres Educational Hospital Cardiology Internal Ward.*
- 2012 *Preceptor in the Cardiology Ward of Shahid Modarres Educational Hospital to teach the students.*
- 2012 *Member of The Cardiology Department Management Council.*

Professional experience:

- 1. 15 years invasive and non-invasive cardiology*
- 2. Over 3000 cases of intervention including Coronary, peripheral and structural intervention.*

Publications and Research Experiences (PUBMED):

2017

Correlation of Platelet to Lymphocyte Ratio (PLR) and Neutrophil to Lymphocyte Ratio (NLR) with TIMI Frame Count in STEMI. Vakili H, Shirazi M, Charkhkar M, Khareshi I, Memaryan M, Naderian M. Eur J Clin Invest. 2017 Feb 8. doi: 10.1111/eci.12736.

2016

Anomalous origin of a stenosed left circumflex coronary artery in a patient presenting with unstable angina: A case report. **HOSSEIN VAKILI** ¹, ISA KHAHESHI ^{1*}, MEHDI MEMARYAN ¹, MOHAMMADREZA NADERIAN. ROM. J. INTERN. MED., 2016, 0, 0, 1-5

Angiosarcoma of the Right Atrium with Extension to SVC and IVC Presenting with Complete Heart Block and Significant Pericardial Effusion. **Hossein Vakili**,¹ Isa Khareshi,¹ Mehdi Memaryan,¹ and Shooka Esmaeeli. Case Reports in Cardiology, Volume 2016, Article ID 3173069, 3 pages

Comparison of fractional flow reserve measurements using intracoronary adenosine versus intracoronary sodium nitroprusside infusions in moderately stenotic coronary artery lesions.

Morteza Safi ^a, Mohammad Hasan Namazi ^a, Esfandiar Fooladi ^a, **Hossein Vakili** ^a, Saeed Alipour Parsa ^a, Isa Khareshi ^a, Mohammad Amin Abbasi ^b, Mohammad Reza Movahed
Cardiovascular Revascularization Medicine 17 (2016) 441- 443.

Is it necessary to discontinue metformin in diabetic patients with GFR > 60 ml/min per 1.73 m² undergoing coronary angiography: A controversy still exists? Mohammad Hasan Namazi, Saeed Alipour Parsa, Kobra Roohigilani, Morteza Safi, **Hossein Vakili**, Isa Khareshi, Fatemeh Abed i, Adel Zare, Shooka Esmaeeli. Acta Biomed 2016; Vol. 87, N. 2: 000 – 000

CRT-200.77 Fractional Flow Reserve Measurements Using Intracoronary Sodium Nitroprusside Infusions Is Similar to Intracoronary Adenosine in Moderately Stenotic Coronary Artery Lesions.

Morteza Safi, Mohammad Hasan Namazi, Esfandiar Fooladi, **Hossein Vakili**, Saeed Alipour Parsa, Isa Khareshi, Mohammad Amin Abbasi, Mohammad Reza Movahed, SR. J A C C : C A R D I O V A S C U L A R I N T E R V E N T I O N S , V O L . 9 , N O . 4 , S U P P L S , 2 0 1 6 .

CRT-200.76 A Novel Risk Score Developed for Predicting Failure or Success for Anterograde Approach to Chronic Total Occlusion. Ali Reza Serati¹; Mohammad Hasan Namazi²; **Hossein Vakili**¹; Morteza Safi Morteza Safi¹; Saeed Ali Pour parsas¹; Habibollah Saadat¹; Maryam Taherkhani²; Sepideh Emami¹; Shamseddin Pedari¹; Masoomeh Vatanparast¹; Mohammad Reza Movahed,
J Am Coll Cardiol Interv. 2016;9(4_S):S26-S26.

Visual-Functional Mismatch Between Coronary Angiography, Fractional Flow Reserve, and Quantitative Coronary Angiography. Safi M, Eslami V, Namazi MH, Vakili H, Saadat H, Alipourparsa S, Adibi A, Movahed MR. *Int J Angiol.* 2016 Dec;25(4):229-234.

Resistant Hypertension due to Fibromuscular Dysplasia in a Young Male: A Rare Case Report. Vakili H, Khaheshi I, Memaryan M, Sadeghi R, Naderian M. *J Clin Diagn Res.* 2016 Jun;10(6):OD08-9.

Application of a colorimetric technique in quality control for printed pediatric orodispersible drug delivery systems containing propranolol hydrochloride. Vakili H, Nyman JO, Genina N, Preis M, Sandler N. *Int J Pharm.* 2016 Sep 10;511(1):606-18.

Evidence for a Circadian Effect on the Reduction of Human Growth Hormone Gene Expression in Response to Excess Caloric Intake. Vakili H, Jin Y, Cattini PA. *J Biol Chem.* 2016 Jun 24;291(26):13823-33.

MiRNA-Related Polymorphisms in miR-146a and TCF21 Are Associated with Increased Susceptibility to Coronary Artery Disease in an Iranian Population. Bastami M, Ghaderian SM, Omrani MD, Mirfakhraie R, Vakili H, Parsa SA, Nariman-Saleh-Fam Z, Masotti A. *Genet Test Mol Biomarkers.* 2016 May;20(5):241-8.

2015

Evaluation of Effective Factors in Success Rate of Intervention on CTO.

Mohammad Hasan Namazi¹, Morteza Safi², Hosein Vakili², Habibollah Saadat¹, Saeed Alipour², Parsa Mahjoob², Maryam Taherkhani^{1, 2}, Shamseddin Pedari², Mehrdad Taherion², Hasan Rajabi Moghaddam³, Abdolkarim Alhazifi², Masoume Vatanparast⁴, and Saeed Khaligh⁴. *Acta Medica Iranica*, 2015;53(3):173-176.

The Non-Hyperemic Coronary Pressure Notch as an Indicator of the Physiologic Significance of Coronary Artery Stenosis. Mohammad Hasan Namazi¹, Morteza Safi¹, Hosein Vakili¹, Habibollah Saadat¹, Saeed Alipour¹, Abdolkarim Alhuthaifi², Shamseddin Pedari², and Mohammad Amin Abbasi³. *Acta Medica Iranica*, 2015;53(5):266-269.

CRT-152. Significant Visual-Functional Mismatch Between Coronary Angiography, Fractional Flow Reserve (FFR) and Quantitative Coronary Angiography (QCA). Morteza Safi,¹ Vahid Eslami,² Mohammad Hasan Namazi,² Hossain Vakili, Habib Saadat, Saeid Alipourparsa, Ali Adibi,¹ Mohammad Reza Movahed., *j a c c : c a r d i o v a s c u l a r i n t e r v e n t i o n s , v o l . 8 , n o . 2 , s u p p l s , 2 0 1 5 .*

Analysis of rs6725887 in the WD Repeat Protein 12 in Association with Coronary Artery Disease in Iranian Patients. Mohammad Piryaeei¹, Sayyed Mohammad Hossein Ghaderian, **Hossein Vakili**, Hooshang Zaimkohan, Nastaran Mohammadi Ghahhari, Maryam Mafi Golchin. *Int J Mol Cell Med Summer* 2015; 4(3): 160-166.

The Non-Hyperemic Coronary Pressure Notch as an Indicator of the Physiologic Significance of Coronary Artery Stenosis. Mohammad Hasan Namazi¹, Morteza Safi¹, Hosein Vakili¹, Habibollah Saadat¹, Saeed Alipour¹, Abdulkarim Alhuthaifi², Shamseddin Pedari², and Mohammad Amin Abbasi³. *Acta Medica Iranica*, 2015;53(5):266-269.

2014

Pentraxin 3 Is Highly Specific for Predicting Anatomical Complexity of Coronary Artery Stenosis as Determined by the Synergy between Percutaneous Coronary Intervention with Taxus and Cardiac Surgery Score. Namazi MH, Saadat H, Safi M, **Vakili H**, Alipourparsa S, Bozorgmanesh M, Haybar H. *Korean Circ J.* 2014 Jul;44(4):220-6. doi: 10.4070/kcj.2014.44.4.220. Epub 2014 Jul 25.

Stent underexpansion in angiographic guided percutaneous coronary intervention, despite adjunctive balloon post-dilatation, in drug eluting stent era. Taherioun M, Namazi MH, Safi M, Saadat H, **Vakili H**, Alipour-Parsa S, Rajabi-Moghadam H, Pedari S. *ARYA Atheroscler.* 2014 Jan;10(1):13-7.

Radiation safety awareness and practice among Iranian cardiology and radiology residents/fellows. Aerab-Sheibani H, Safi M, Namazi MH, **Vakili H**, Saadat H. *Anadolu Kardiyol Derg.* 2014 May;14(3):310-1. doi: 10.5152/akd.2014.5375. Epub 2014 Mar 19.

Cardiac Hemangioma of RVOT in a Patient with Atypical Chest Pain. Hossein Vakili, Isa Khareshi,¹ Mahnoosh Foroughi, Hamid Ghaderi, Shooka Esmaeeli, and Mostafa Jafari. *Case Rep Med.* 2014;2014:285479. doi: 10.1155/2014/285479. Epub 2014 Jul 8.

Acutely Onset Amiodarone-Induced Angioedema in a Patient with New Atrial Fibrillation **Hossein Vakili**, Isa Khareshi, Mehdi Memaryan, Habib Haybar, and Shooka Esmaeeli *Case Rep Emerg Med.* 2014;2014:321587. doi: 10.1155/2014/321587. Epub 2014 Dec 25.

In-hospital outcomes after primary percutaneous coronary intervention according to left ventricular ejection fraction. **Hossein Vakili**, Roxana Sadeghi, Parisa Rezapoor, Latif Gachkar *ARYA Atheroscler* 2014; 10(4): 1-7.

2013

Comparison between Intracoronary Abciximab and Intravenous Eptifibatide Administration during Primary Percutaneous Coronary Intervention of Acute ST-Segment Elevation Myocardial Infarction.

Namazi MH, Safi M, **Vakili H**, Saadat H, Karimi E, Bagheri RK. J Tehran Heart Cent. 2013 Jul;8(3):132-9. Epub 2013 Jul 30.

Corrected thrombolysis in myocardial infarction frame count and ejection fraction in patients undergoing primary percutaneous coronary intervention for myocardial infarction. **Hossein Vakili**, Roxana Sadeghi, Mahdiyeh Tabkhi, Morteza Safi. ARYA Atheroscler 2013; 9(2): 134-139.

2012

Evaluation of asymptomatic peripheral arterial disease by ankle- brachial index in patients with concomitant coronary arterial disease. **Vakili H**, Sadeghi R, Doustali K, Saadat H, Namazi MH, Safi M. Int Cardiovasc Res J. 2012 Dec;6(4):128-30. Epub 2012 Dec 15.

Opium addiction increases interleukin 1 receptor antagonist (IL-1Ra) in the coronary artery disease patients. Saadat H, Ziai SA, Ghanemnia M, Namazi MH, Safi M, **Vakili H**, Dabbagh A, Gholami O. PLoS One. 2012;7(9):e44939. doi: 10.1371/journal.pone.0044939. Epub 2012 Sep 19.

Traumatic coronary artery fistula closure with stent graft. Safi M, Ebrahim NP, Namazi MH, Saadat H, **Vakili H**, Hekmat M, Movahed MR. Methodist Debakey Cardiovasc J. 2012 Apr-Jun;8(2):59-60. Erratum in: Methodist Debakey Cardiovasc J. 2012 Jul-Sep;8(3):48.

Iatrogenic left main artery dissection: A catastrophic complication. Namazi MH, Rostami RT, Mohammadi A, Amini AL, Safi M, Saadat H, **Vakili H**, Motamedi MR, Movahed MR. Exp Clin Cardiol. 2012 Winter;17(4):254-6.

2011

Immediate results and six-month clinical outcome after percutaneous coronary intervention in patients with prior coronary artery bypass surgery. Behboudi F, **Vakili H**, Hashemi SR, Hekmat M, Safi M, Namazi MH. J Tehran Heart Cent. 2011 Winter;6(1):31-6. Epub 2011 Feb 28.

Association of Helicobacter pylori infection with acute myocardial infarction. Zohreh Khodaiia, **Hosain Vakili**, Sayyed Mohammad Hossein Ghaderiana, Reza Akbarzadeh Najara and Akram Sadat Tabatabaei Panah *Coronary Artery Disease* 2011, 22:6–11.

2010

Carotid artery stenting: a single-center experience. Namazi MH, Mohammadi A, Safi M, **Vakili H**, Saadat H, Amini A. *J Tehran Heart Cent.* 2010 Fall;5(4):188-93. Epub 2010 Sep 30.

Difficult pacemaker implantation. Detection of a wrong course due to sinus venosus type atrial septal defect. Saadat H, Emami S, Namazi MH, Safi M, **Vakili H**, Movahed MR. *Congenit Anom (Kyoto).* 2010 Sep;50(3):203-4.

Changes of left ventricular mass index among end-stage renal disease patients after renal transplantation. Namazi MH, Parsa SA, Hosseini B, Saadat H, Safi M, Motamedi MR, **Vakili H**. *Urol J.* 2010 Jun 10;7(2):105-9.

Antibody response to influenza immunization in coronary artery disease patients: A controlled trial. Maryam Keshtkar-Jahromia, **Hossein Vakili**, Mohammad Rahnvardia, Sharareh Gholamina, Seyed-Mostafa Razavia, Ali Eskandaria, Roxana Sadeghic, Hossein Vatan-Pourc, Marzieh Keshtkar-Jahromia, Babak Haghghatd, Mohammad Ghaffaripoure, Talat Mokhtari-Azadf *Vaccine* 28 (2010) 110–113.

2009

Isolated noncompaction of left ventricular myocardium with an unusual presentation of angina pectoris. Namazi MH, Eslami V, Norouzi S, Taherkhani M, Safi M, Saadat H, **Vakili H**, Bayatimo F, Movahed MR. *Rev Cardiovasc Med.* 2009 Fall;10(4):232-5. Review.

Percutaneous treatment of spontaneous left main coronary artery dissection extending to the left anterior descending and circumflex arteries possibly triggered by thrombolytic therapy. Saadat H, Taherkhani M, Safi M, **Vakili H**, Namazi MH, Poorhoseini HR, Movahed MR. *Int J Angiol.* 2009 Fall;18(3):151-4.

Extrinsic compression of left main coronary artery by the pulmonary trunk secondary to pulmonary hypertension documented using 64-slice multidetector computed tomography coronary angiography. Safi M, Eslami V, Shabestari AA, Saadat H, Namazi MH, **Vakili H**, Movahed MR. Clin Cardiol. 2009 Aug;32(8):426-8. doi: 10.1002/clc.20457. Review

2006

Efficacy of folic acid therapy for prevention of in-stent restenosis: a randomized clinical trial.

Namazi MH, Motamedi MR, Safi M, **Vakili H**, Saadat H, Nazari N.

Arch Iran Med. 2006 Apr;9(2):108-10.

Publications and Research Experiences (NON PUBMED):

Could Mean Platelet Volume Predicts Impaired Reperfusion and In-Hospital Major Adverse Cardiovascular Event in Patients with Primary Percutaneous Coronary Intervention after ST-Elevation Myocardial Infarction?

Hossein Vakili, MD*, Roozbeh Kowsari, MD, Mohammad Hasan Namazi, MD, Mohammad Reza Motamedi, MD, Morteza Safi, MD, Habibollah Saadat, MD, Roxana Sadeghi, MD, Sanaz Tavakoli, MD J Teh Univ Heart Ctr 1 (2009) 17-23.

Coronary Artery Perforation after Guidewire Removal.

Hosein Vakili, MD*, Roxana Sadeghi, MD, Mohammad Reza Biranvand, MD, Mohammad Hasan Namazi, MD, Habibollah Saadat, MD, Morteza Safi, MD, Mohammad Reza Motamedi, MD J Teh Univ Heart Ctr 4 (2009) 248-252.

The role of p53, bax, bcl2, and 8-OHdG in human acute myocardial infarction.

Reza Akbarzadeh Najar, Sayyed Mohammad Hossein Ghaderian,

Hosain Vakili, Akram Sadat Tabatabaei Panah, Azam Rezaei Farimani,

Gashin Rezaie, Asghar Beigi Harchegani

Cent. Eur. J. Biol. • 5(4) • 2010 • 439–445.

Comparison of the clinical efficacy of three brands of warfarin.

M.H.Namazi, Z.K.Yousefi, M.G.Shirazi, M.Shaykholeslami, **H.Vakili**, M.R.Motamedi, M.Safi, A.N.Forotaghe.

Indian J. Pharmacol. 2004; 36(6): 360-362.

Participate In Europe:

- *EuroPCR 2007; May 22-25 , 2007, Barcelona.*
- *EuroPCR 2008; May 13- 16, 2008, Barcelona .*
- *EuroPCR 2010; May 25-28, 2010, Paris.*
- *EuroPCR 2011; May 17- 20, 2011, Paris.*
- *EuroPCR 2012; May 15-18, 2012, Paris.*
- *EuroPCR 2013; May 21-24, 2013, Paris.*
- *EuroPCR 2015; May 19-22, 2015, Paris.*
- *JIM (Joint Interventional Meeting); February 13-15, 2014, Rome.*
- *ESC (European Society of Cardiology) Congress; August 31-September 4, 2013, Amsterdam, Netherlands.*
- *1st GpIIb/IIIa awareness Symposium, June 8-9, 2007, Dubai.*
- *Leipzig Interventional Course(LINC); January 14-17, 2009, Leipzig, Germany.*
- *Annual Meeting of the Cardiovascular and Interventional Radiological Society of Europe, Sep.10-14, 2011, Munich, Germany.*
- *ESC (European Society of Cardiology) Congress; August 30-September 3, 2014, Barcelona.*
- *CIRSE, Sep.10-14,2011, Munich, Germany.*

Participate in Iran:

- *2nd International Heart Failure Summit, May 13-15, 2009, Tehran.*
- *16th. Congress of Iranian Heart Association; November 18-21, 2008, Tehran,*
- *17th. Congress of Iranian Heart Association; May 10-13, 2011, Tehran.*
- *Acute Coronary Syndrome Symposium; May 3, 2012, Tehran.*
- *Chronic Total Occlusion (CTO) Symposium; Dec. 13, 2012, Tehran.*
- *The 12th National Congress on Cardiovascular Updates, June 7-9, 2010, Tehran.*
- *The 15th National Congress on Cardiovascular Updates, Sep.17-20 , 2013, Tehran.*
- *4th International Heart Failure Summit, April 30-May 2, 2014, Tehran.*
- *Events in Cardiopulmonary Bypass, Jan.20, 2011, Tehran.*
- *3rd. International Heart Failure Summit, Nov.1-3, 2011, Tehran.*
-

Lectures and Attendee in Panels:

- *Chronic Total Occlusion (CTO) Symposium; 13 Dec. 2012, Tehran-Iran.*
- *The 6th. Razavi International Cardiovascular Congress, Aug. 21-23, 2013, Mashhad-Iran.*
-

Training Courses:

- *A practical introduction to peripheral interventions and carotid artery stenting, Oct. 29-31, 2008, Brussels.*
- *ETOSS Training Session for GAIA, Oct. 6, 2014,*