

***Title: Dr***

***Surname: Vakili***

***Forename: Hossein***

***Date & Place of Birth: 15<sup>th</sup> 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** <sup>1</sup>, ISA KHAHESHI <sup>1\*</sup>, MEHDI MEMARYAN <sup>1</sup>, 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**,<sup>1</sup> Isa Khareshi,<sup>1</sup> Mehdi Memaryan,<sup>1</sup> 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 <sup>a</sup>, Mohammad Hasan Namazi <sup>a</sup>, Esfandiar Fooladi <sup>a</sup>, **Hossein Vakili** <sup>a</sup>, Saeed Alipour Parsa <sup>a</sup>, Isa Khareshi <sup>a</sup>, Mohammad Amin Abbasi <sup>b</sup>, 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 m<sup>2</sup> 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 Serati<sup>1</sup>; Mohammad Hasan Namazi<sup>2</sup>; **Hossein Vakili**<sup>1</sup>; Morteza Safi Morteza Safi<sup>1</sup>; Saeed Ali Pour parsal<sup>1</sup>; Habibollah Saadat<sup>1</sup>; Maryam Taherkhani<sup>2</sup>; Sepideh Emami<sup>1</sup>; Shamseddin Pedari<sup>1</sup>; Masoomeh Vatanparast<sup>1</sup>; 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 Namazi<sup>1</sup>, Morteza Safi<sup>2</sup>, Hosein Vakili<sup>2</sup>, Habibollah Saadat<sup>1</sup>, Saeed Alipour<sup>2</sup>, Parsa Mahjoob<sup>2</sup>, Maryam Taherkhani<sup>1, 2</sup>, Shamseddin Pedari<sup>2</sup>, Mehrdad Taherion<sup>2</sup>, Hasan Rajabi Moghaddam<sup>3</sup>, Abdolkarim Alhazifi<sup>2</sup>, Masoume Vatanparast<sup>4</sup>, and Saeed Khaligh<sup>4</sup>. *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 Namazi<sup>1</sup>, Morteza Safi<sup>1</sup>, Hosein Vakili<sup>1</sup>, Habibollah Saadat<sup>1</sup>, Saeed Alipour<sup>1</sup>, Abdolkarim Alhuthaifi<sup>2</sup>, Shamseddin Pedari<sup>2</sup>, and Mohammad Amin Abbasi<sup>3</sup>. *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,<sup>1</sup> Vahid Eslami,<sup>2</sup> Mohammad Hasan Namazi,<sup>2</sup> Hossain Vakili, Habib Saadat, Saeid Alipourparsa, Ali Adibi,<sup>1</sup> 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 Piryaee<sup>1</sup>, 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 Namazi<sup>1</sup>, Morteza Safi<sup>1</sup>, Hosein Vakili<sup>1</sup>, Habibollah Saadat<sup>1</sup>, Saeed Alipour<sup>1</sup>, Abdulkarim Alhuthaifi<sup>2</sup>, Shamseddin Pedari<sup>2</sup>, and Mohammad Amin Abbasi<sup>3</sup>. *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,<sup>1</sup> 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 Debaquey Cardiovasc J. 2012 Apr-Jun;8(2):59-60. Erratum in: Methodist Debaquey 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 Rahnava, Sharareh Gholamina, Seyed-Mostafa Razavia, Ali Eskandaria, Roxana Sadeghi, Hossein Vatan-Pour, 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.*
- *1<sup>st</sup> 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:**

- *2<sup>nd</sup> 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 12<sup>th</sup> National Congress on Cardiovascular Updates, June 7-9, 2010, Tehran.*
- *The 15<sup>th</sup> National Congress on Cardiovascular Updates, Sep.17-20 , 2013, Tehran.*
- *4<sup>th</sup> International Heart Failure Summit, April 30-May 2, 2014, Tehran.*
- *Events in Cardiopulmonary Bypass, Jan.20, 2011, Tehran.*
- *3<sup>rd</sup>. International Heart Failure Summit, Nov.1-3, 2011, Tehran.*
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## **Lectures and Attendee in Panels:**

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