



## Associate Professor of Cardiovascular Surgery

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**Title:** Associate Professor

**Qualification:** Cardiovascular Surgery, MD.

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**Education:**

✚ **1976-1984:** M.D.Diplomq:National University of Iran,Tehran,Iran

✚ **1984-1988:**(graduation with honored medical school),General Surgery,Loghman Hakim Hospital)

✚ **1988:** Board Certification of General Surgery, Shahid Beheshty Medical University ,Tehran,Iran  
(graduation with honored)

✚ **1988-1991:**Cardiac Surgery,Shahid Rajaey Heart Hospital, Tehran Medical University,  
Tehran,Iran

✚ **1992:**Board Certification of Cardiac Surgery

**Work Experiences :**

✚ **1991-1992-** Assistant professor of cardiac surgery -Shahid Beheshti University of Medical Sciences

✚ **1992-1993** -Assistant professor of cardiac surgery -Kerman Medical University of Medical Sciences

✚ **Since 1994** --Moderator of Department of Pediatric\_cardiac surgery Shahid Beheshty Medical University

✚ **1994-2012** -Assistant professor of cardiac surgery - cardiac surgery Shahid Beheshty Medical University

- ✚ **Since 2012** -Associated professor of cardiac surgery- Shahid Beheshti University of Medical Sciences
- ✚ **1994-2003**- Director of cardiac surgery department -Shahid Beheshti University of Medical Sciences
- ✚ **2018-2022**- Director of cardiac surgery department - Shahid Beheshti University of Medical Sciences

#### **Interested areas of Research:**

- ✚ **Congenial And Valvar Heart Surgery**

#### **Awards:**

- ✚ Citation ,in Kerman from governor of Kerman, 1992
- ✚ Citation ,in Kerman from president of Kerman University, 1992
- ✚ Exemplary Scientific Board in Shahid Beheshti Medical University, Tehran, 1997, 2004, 2005

#### **Publications**

##### **2022**

- 1.M Beheshti Monfared, **Manouchehr Hekmat**, Z Ansari Aval, H Ghaderi, SA Mirjafari, R Beheshti Monfared. **Benefits of Delayed Revascularization Following Ligation of Anterior Descending Artery after a Stab Wound**. J Prev Epidemiol. 2022;7(2):e26168.
- 2.Mahmood Beheshti Monfared, Alireza Omidi Farzin, **Manouchehr Hekmat**, Zahra Ansariaval, Azadeh Heidarpour. **Vascular Thromboembolism Is a Grave Complication of Covid-19**. Iranian Heart Journal. 2022;23(1):223-7.

##### **2021**

- 1.Mohammadreza Khalilian, **Manouchehr Hekmat**, Saeed Sadr, Abdolhossein Tavallai-Zavvareh, Tahmineh Tahouri. **Isolated Left Subclavian Artery, Multiple Ventricular Septal Defects and Pulmonary Hypertension in a Child: A Case Report**. 2021.
2. **Manouchehr Hekmat**, Hamid Ghaderi, Zahra Ansari Aval, Seyedeh Adeleh Mirjafari, Mahya Hekmat. **Does the Exhaust Air from Oxygenator During Open-Heart Surgeries in Covid-19 Positive Patients Cause Operating Room Air Contamination? A Case Report**. 2021.
- 3.Pegah Eslami, **Manouchehr Hekmat**, Mahmoud Beheshti, Ramin Baghaei, Seyed Mohsen Mirhosseini, Fatemeh Pourmotahari, et al. **A Randomized, Double-Blind, Placebo-Controlled, Clinical Trial of High-Dose, Short-Term Vitamin D Administration in the Prevention of Acute Kidney Injury after Cardiac Surgery**. Cardiorenal Medicine. 2021;11(1):52-8.
- 4.**Manouchehr Hekmat**, A Omidi Farzin, Z Ansari Aval. **Cardiac Myxosarcoma: A Case Report**. Caspian J Intern Med 2021; 12 (2): 228-231.

##### **2020**

1.HosseinAli Jelveh-Moghaddam, Kamal Fani, **Manouchehr Hekmat**, Amir Azari. **The Effects of Vitamin D3 in Pediatric Patients Undergoing Congenital Heart Surgery**. Journal of Cellular & Molecular Anesthesia. 2020;5(2):67-73.

2. **Manouchehr Hekmat**, Zahra Ansari Aval, Alireza Omid Farzin, Ali Dabbagh, S Adeleh Mirjafari, Hamid Ghaderi. **Covid-19 Complicated by Massive Acute Pulmonary Embolism: A Case Report**. Iranian Red Crescent Medical Journal. 2020;22(6).

3.Erfan Tasdighi, **Manouchehr Hekmat**, Mahmoud Beheshti, Ramin Baghaei, Seyed Mohsen Mirhosseini, Peyman Torbati, et al. **Vitamin D Treatment Attenuates Heart Apoptosis after Coronary Artery Bypass Surgery: A Double-Blind, Randomized, Placebo-Controlled Clinical Trial**. Journal of Cardiovascular Pharmacology and Therapeutics. 2020;25(4):338-45.

4. Firoozeh Madadi, **Manouchehr Hekmat**, Zahra Ansari Aval, Abdolhamid Bagheri, Kamal Fani, Mohammad Hosein Ghanbarpour, et al. **The Role of Connective Tissue Genomics in Ascending Aortic Dissection: A Case of Marfan Syndrome**. Journal of Cellular & Molecular Anesthesia. 2020;4(3):100-4.

5. E. Asdaghpour, R. Baghaei, N. Jalilifar , H. Radmehr, M. Shirzad, M. R. Mirzaaghayan, **Manouchehr Hekmat** et al. **Iranian Society of Cardiac Surgeons Position Statement for the Treatment of Patients in Need of Cardiac Surgery in the Covid-19 Pandemic Period (Version I)**. 2020;11(1):e104296.

6. A. Alizadeh Ghavidel, M. Mirzaaghayan, M. A. Yousefnia, E. Asdaghpour, R. Baghaei Tehrani, N. Jalilifar, **Manouchehr Hekmat** et al. **Iranian Society of Cardiac Surgeons Covid-19 Task Force Version Ii, Restarting Elective Surgeries**. Journal of cardiovascular and thoracic research. 2020;12(3):158-64.

### **2017-2018**

1. **Manouchehr Hekmat**, Hamid Ghaderi, Seyedeh Adeleh Mirjafari, Mehran Shahzamani, Gholamreza Masoumi. **How to Extract a Losing Intra-Aortic Balloon Pump Guide Wire**. International Journal of Cardiovascular Practice. 2018;3(1):18-9.

2. **Manouchehr Hekmat**, Hamid Ghaderi, Seyedeh Adeleh Mirjafari, Shahram Rajaei Behbahani, Mehran Shahzamani, Gholamreza Masoumi. **Mitral Valve Z Value in Iranian Patients with Tetralogy of Fallot**. Tehran University Medical Journal TUMS Publications. 2017;75(9):682-7.

### **2016**

1. **Manouchehr Hekmat**, Hamid Ghaderi, Hassan Tatari, Abbas Arjmand Shabestari, Seyedeh Adeleh Mirjafari. **Giant Pericardial Cyst: A Case Report and Review of Literature**. Iranian Journal of Radiology. 2016;13(1).

2. **Manouchehr Hekmat**, Hamid Ghaderi, Mahnoosh Foroughi, S. Adeleh Mirjafari. **Guillain–Barré Syndrome after Coronary Artery Bypass Graft Surgery: A Case Report**. Acta Medica Iranica. 2016:76-8.

### **2015**

1. Maryam Taherkhani, Seyed Reza Hashemi, **Manouchehr Hekmat**, Morteza Safi, Adineh Taherkhani, Mohammad Reza Movahed. **Thrombolytic Therapy for Right-Sided Mechanical Pulmonic and Tricuspid Valves: The Largest Survival Analysis to Date**. Texas Heart Institute Journal. 2015;42(6):543-7.
2. **Manouchehr Hekmat**, Hamid Ghaderi, Seyede Adeleh Mirjafari. **Loss of Guide Wire: A Rare Complication of Intra-Aortic Balloon Pump Insertion**. The Journal of Tehran University Heart Center. 2015;10(1):68.

#### **2014**

1. Maryam Taherkhani, Reza Hashemi Hashemi, **Manouchehr Hekmat**, Morteza Safi, Adineh Taherkhani, Mohammad Reza Movahed. **Crt-725 the Largest Case Series of Thrombolytic Therapy for Right Sided Mechanical Pulmonic and Tricuspid Valve Thrombosis Showing Very High Success Rate**. JACC: Cardiovascular Interventions. 2014;7(2 Supplement):S59.
2. Maryam Taherkhani, Reza Hashemi, **Manouchehr Hekmat**, Morteza Safi, Adineh Taherkhani, Mohammad Movahed. **Thrombolytic Therapy for Right Sided Mechanical Pulmonic and Tricuspid Valve Thrombosis. A Survival Analysis of the Largest Case Series: D-022**. Catheterization and Cardiovascular Interventions. 2014;83.
3. Seyed Masoud Majidi Tehrani, Hamid Ghaderi, Mahnoosh Foughi, **Manouchehr Hekmat**, Mahmoud Beheshti Monfared, Hassan Tatari, et al. **Ten-Year Evaluation of Cardiac Myxoma in Shahid Modarres Hospital**. Tehran University Medical Journal. 2014;72(2).
4. Mahnoosh Foughi, Masoud Majidi, **Manouchehr Hekmat**, Mahmood Beheshti. **What the Cardiac Surgeons Have to Know About Cold Agglutination Management**. The Egyptian Journal of Cardiothoracic Anesthesia. 2014;8(3):101.
5. Mahnoosh Foughi, **Manouchehr Hekmat**, Mohsen Ghorbani, Hamid Ghaderi, Masoud Majidi, Mahmood Beheshti. **Mitral Valve Surgery in Patients with Systemic Lupus Erythematosus**. The Scientific World Journal. 2014;2014.

#### **2012-2013**

1. M. Foughi, H. Argani, S. A. Hassntash, **Manouchehr Hekmat**, M. Majidi, M. Beheshti, et al. **Lack of Renal Protection of Ultrafiltration During Cardiac Surgery: A Randomized Clinical Trial**. The Journal of cardiovascular surgery. 2013;55(3):407-13.
2. Mahnoosh Foughi, Hossein Rahimian, Ali Dabbagh, Masood Majidi, **Manouchehr Hekmat**, Mahmood Beheshti, et al. **Postoperative N-Terminal Pro-Brain Natriuretic Peptide Level in Coronary Artery Bypass Surgery with Ventricular Dysfunction after Perioperative Glucose-Insulin-Potassium Treatment**. Journal of cardiothoracic and vascular anesthesia. 2012;26(4):631-6.

#### **2011**

1. **Manouchehr Hekmat**, H. Rafati Shaldehi, M. Salem. **Hospital Accidents Prevalence Rate and Its Affective Agents in a Military Hospital Staffs**. Journal Mil Med. 2011;13(1):53-7.

2. Fatemeh Behboudi, Hossein Vakili, Seyed Reza Hashemi, **Manouchehr Hekmat**, Morteza Safi, Mohammad Hasan Namazi. **Immediate Results and Six-Month Clinical Outcome after Percutaneous Coronary Intervention in Patients with Prior Coronary Artery Bypass Surgery**. The Journal of Tehran Heart Center. 2011;6(1):31.

### **2010**

1. Seyed Reza Hashemi, Mohammadreza Motamedi, Mohammad Khani, **Manouchehr Hekmat**, Latif Gachkar, Atieh Rezaeefar. **Evaluation of the Effect of Elective Percutaneous Coronary Intervention as a Treatment Method on the Left Ventricular Diastolic Dysfunction in Patients with Coronary Artery Disease**. The Journal of Tehran Heart Center. 2010;5(4):194.

2. Ali Asghar Bolourian, Mahnoosh Foroughi, Mahmood Beheshty, **Manouchehr Hekmat**, Masood Majidi, Seyed Ahmad Hassantash. **Results of on-Pump Versus Off-Pump Coronary Artery Bypass Grafting**. The Annals of thoracic surgery. 2010;90(1):358.

### **2009**

1. Sima Rafeiyian, **Manouchehr Hekmat**, Ali Kouhi. **Hydatid Cyst in a 10-Year-Old Boy: An Unusual Location**. The Journal of Tehran University Heart Center. 2009;4(2):121-4.

2. Ali Kouhi, **Manouchehr Hekmat**, Mehrnoosh Boroomandpoor, Mohammad Ali Hatamizadeh, Sima Rafeiyian, Simindokht Moshar, et al. **Isolated Pulmonary Valve Endocarditis**. The Journal of Tehran University Heart Center. 2009;4:1-2.

3. Maryam Keshtkar-Jahromi, M. Boroumand, S. Gholamin, S. Razavi, M. Hashemi, **Manouchehr Hekmat**, et al. **Brucellosis as an Aetiology for Culture-Negative Endocarditis in Endemic Regions: P955**. Clinical Microbiology & Infection. 2009;15(4).

4. A. Ganavati, M. Foroughi, Samaneh Esmaeili, S. A. Hasantash, A. A. Bolourain, **Manouchehr Hekmat**, et al. **The Relation between Post Cardiac Surgery Delirium and Intraoperative Factors**. 2009.

### **2006-2007**

1. Sima Rafeiyian, Saeed Mojtahedzadeh, **Manouchehr Hekmat**, Nasim Naderi, Rezvan Nobahar, Mohammah Jafar Hashemi, et al. **Supravalvular and Valvular Aortic Stenosis in Heterozygous Familial Hypercholesterolemia**. Medical Principles and Practice. 2007;16(4):315-7.

2. M. Khani, **Manouchehr Hekmat**. **Withdrawn: A Patient with Rheumatic Mitral Stenosis and an Atrial Myxoma**. European journal of echocardiography: the journal of the Working Group on Echocardiography of the European Society of Cardiology. 2006.

### **2005**

1. **Manouchehr Hekmat** t, Hamid Reza Taghipoor, Mohammad Rezvan Nobahar, Mahmoud Beheshti Monfared, Mohammad Masoud Majidi Tehrani, Mohammad Kazem Arabnia, et al. **Laparoscopic Cholecystectomy and Open-Heart Surgery at the Same Time**. Journal of Cardiac Surgery. 2005;20(6):557-9.

2. **Manouchehr Hekmat**, Sima Rafieyan, Mahnoush Foroughi, Majidi Mohammad M. Tehrani, Beheshti Mahmoud Monfared, Seyed A. Hassantash. **Associated Coronary Anomalies in 135 Iranian Patients with Tetralogy of Fallot**. Asian Cardiovascular and Thoracic Annals. 2005;13(4):307-10.

#### **2004**

1. **Manouchehr Hekmat**, M. Foroughi, H. R. Taghipour, S. A. Hasantash, M. Majidi Tehrani, M. Beheshti Monfared, et al. **Metastatic Sarcoma Invasion through Pulmonary Vein to Left Atrium; an Unusual Way of Metastasis**. Iranian Heart Journal. 2004;5(4):53-6.

2. **Manouchehr Hekmat**, Mahnoush Foroughi, M. M. Majiditehrani, Monfared M. Beheshti, M. K. Arabnia, S. A. Hasantash, et al. **Tetralogy of Fallot and Associated Coronary Anomalies**. 2004.

3. Monfared M. Beheshti, Tehrani M. Majidi, **Manouchehr Hekmat**, M. K. Arabnia, Tash Sa Hassan, A. M. Halajzadeh, et al. **The Results of Coronary Artery by Pass Graft in Diabetic Patients, Referred to Modarres Hospital During 1998-1999**. 2004.

4. M. Khania, **Manouchehr Hekmat**. **A Patient with Rheumatic Mitral Stenosis and an Atrial Myxoma**. European Journal of Echocardiography. 2003;4(3):229-31.

#### **1998-1999**

1. **Manouchehr Hekmat**, R. Khodaverdian, Z. H. Ahmadi, Mohammad Khani, P. Shishined. **Cardiac Hemangioma**. Arch Irn Med. 1999;4.

2. Masoud Saleh, **Manouchehr Hekmat**. **Two Interesting Cases of Foreign Bodies Ingestion**. Research in Medicine. 1988;12(3):0-.