

## **Curriculum Vitae**

**Date:15/05/2005**



### ***Personal History***

**Name:Manoucher**

**Last name:Hekmat**

**Place of Birth:Tehran**

**Date of Birth:05/07/1958**

**Sex:Male**

**Marriage status:Married**

**Nationality:Iranian**

### **Office Address:**

1- Sheikh Bahaey – Mollasadra cross ,Tehran,Iran

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2-Department of Cardiac Surgery ,Shahid Modares Hospital ,Saadat Abad ,  
Tehran,Iran

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## ***Educational History***

**Diploma:1976**

**M.D.Diplomq:National University of Iran,Tehran,Iran :1976\_1984**

( graduation with honored medical school )

**General Surgery:Loghman Hakim \_Hospital : 1984\_1988**

[Shahid Beheshty Medical University ,Tehran,Iran](#)

**Board Certification of General Surgery :1988**

(graduation with honored)

**Cardiac Surgery:Shahid Rajaey Heart Hospital, Tehran Medical University, Tehran,Iran :1988\_1991**

**Board Certification of Cardiac Surgery:1992**

## ***Professional History***

### **a.Teaching History:**

at Shahid Modares Hospital, in postgraduate level, at operating room and clinic, in cardiac surgery, for 12 graduate students,1994\_present

### **b.Professional Service:**

1- Assistant professor of cardiac surgery  
Shahid Beheshty Medical University ;1991 \_ 1992

2- Assistant professor of cardiac surgery  
Kerman Medical University:1992\_ 1993

3- Assistant professor of cardiac surgery  
Shahid Beheshty Medical University ; 1994\_ 2012

4-Associated professor of cardiac surgery  
Shahid Beheshty Medical University ; 2012- till present

### **c.Administrative Appointments:**

1- Establishment of Department of cardiac surgery , Kerman \_Iran,1992

2-Moderator of Department of Pediatric\_cardiac surgery Shahid Beheshty Medical University, 1994\_ present

3-Head of cardiac surgery department in Shahid Beheshty Medical University 2001\_ present

***Honors and Awards:***

- 1-Citation ,in Kerman from governor of Kerman, 1992
- 2- Citation ,in Kerman from president of Kerman University, 1992
- 3- Exemplary Scientific Board in Shahid Beheshty Medical University,Tehran, 1997, 2004, 2005

***Approved Projects and Proposals:***

- 1- Role of Troponin in prediction of outcome of congenital cardiac disease at Shahid Modares Hospital,as Investigator,2005**
- 2- Role of Anesthetic drugs in Ejection Fraction of heart after CPB,as Consultant at Shahid Modares Hospital,2005**

***Theses directed, Supervised or consulted***

- 1. Study of all Aortico-Pulmonary Shunts were done for cyanotic congenital heart disease, at general physicion level in Shahid Modares Hospital,1994- 2000**
- 2. Study of Aortoplasty operations( Nicks Method) were done for smallaortic root at potgraduated level in Shahid Modares Hospital , 2003**
- 3. Associated Coronary Anomalies in 135 Iranian patients with of Iranian Heart Association,, at potgraduated level in Shahid Modares Hospital,2004**

## **Lectures:**

- 1- Results of Aorticoplasty (Nicks Method) in small aortic root in Shahid Modares Hospital ,at 14<sup>th</sup> Congress of Iranian Heart Association in collaboration with British Cardiac Society,Iran,2004
- 2- Study of short term and long term results in 10 cases of Rastelli operation, at 26<sup>th</sup> Congress of Iranian society of surgeons,Iran, 2002

## **Publications:**

### **a.papers presented:**

- 1- Hekmat M., Tabatabai M.,Reports of 111 cases of ASD in Iran, at 3<sup>rd</sup> Congress of Iranian Heart Association,1992
- 2- Hekmat M.,Khodaverdian R., Surgery of adults with Tetralogy of Fallot,at 12<sup>th</sup> Annual meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Damascus, Syria,1999
- 3-Associated Abnormalities in 118 cases of patients with Tetralogy of Fallot at 12<sup>th</sup> Congress of Iranian Heart Association, 2000
- 4-Rastan H., Hekmat M., Right ventricle Bypass for Assesment of pulmonary vascular compliance before total correction of Tetralogy of Fallot,at 32<sup>th</sup> Annual meeting of the German Society of Thorasic and Cardiovascular Surgeons,Germany, 2003
- 5- Hekmat M., Foroughi M., Associated Coronary Abnormalities in 135 Iranian patients with Tetralogy of Fallot, at 7<sup>th</sup> Annaul update on Pediatric Cardiovascular disease- Cardiology,Florida,USA,2004
- 6- Beheshty M.,Majidi M., Hekmat M., A Report of Iranian patient with left pulmonary vein anomaly type of Partial Anomalous Venous Connection,16<sup>th</sup> Annual meetingof the Medtterranean Association of Cardiology and Cardiac Surgery, B186,REF103.Turkey,2004
- 7-Hamid Ghaderi ,Seyed Mohammad Masoud Tehrani, Mahnoosh Foroughi ,Manouchehr Hekmat , Mahmoud Beheshti Monfared ,Hassan Tatari,Zahra Ansari Aval,Seyed Mohsen Mirhosseini,Zargham Hossein Ahmadi,SeyedeH Adeleh Mirjafari. 20 year evaluation of the surgical treatment of cardiac myxoma in Shahid Modarres Hospital.4<sup>th</sup> International Iranian Heart Failure Summit.Tehran 30 april-2 may.2014
- 8-Hamid Ghaderi ,Seyed Mohammad Masoud Tehrani, Mahnoosh Foroughi ,Manouchehr Hekmat , Mahmoud Beheshti Monfared ,Hassan Tatari, Seyed

Mohsen Mirhosseini , Zargham Hossein Ahmadi ,Zahra Ansari Aval ,Seyedeh Adeleh Mirjafari. Ten –year evaluation the surgical treatment of cardiac myxoma in Shahid Modarres Hospital and Compare with a decade ago.The second Iranian cardiovascular Joint Congress.Tehran.Iran.Feb 25-28 ,2014.

**b.Articles:**

- 1-Fardui A.,KazemiK., Hekmat M.,Case report of a rare anatomical variation of hepatic artery.Medical Journal of National University of Iran,1980;7(2):120-7
- 2- Fardui A.,KazemiK., Hekmat M.,Case report of lack of musculocutaneous nerve in upper extremity. Medical Journal of National University of Iran,1980;7(2):76-9
- 3-Saleh M., Hekmat M.,Ingestion of Foreign body. Medical Journal of Shahid Beheshti University,1990;12(3):122-5
- 4-Daneshvar A., Hekmat M.,Rezvan M.,Effects of Greater Omentum in Myocardial blood flow.Journal of medical council of Iran.1996;14(2):95-6
- 5- Daneshvar A., Hekmat M.,Rezvan M.,Surgery of Root of Aorta.Surgical Journal of Iran.1995;4:807-11
- 6- Daneshvar A., Hekmat M.,Arab Nia M.,Rezvan M.,Endoardial Cushion Defects in Iran.Iranian Journal of Surgery,1997;5(15):1035-9
- 7-Hosseini Y., Hekmat M.,AskariM.,Rezvan M.,Resection of renal cell carcinoma with invasion to right atrium via open heart surgery and moderate hypothermia.Urologic Journal of Iran.1998;5(19):23-5
- 8- Hekmat M.,Khodaverdian R.,Ahmadi ZH.,Khani M.,Cardiac Hemangioma.Arch Irn Med.1999;2(4):210-12
- 9- Saadat H, Sadooghi M, Hekmat M.coronary artery-right ventricle fistula Journal of The Shaheed Beheshti University of Medical Sciences And Health Services 1999;23(2): 140-137
- 10-Khani m., Hekmat M.,A patient with rheumatic mitral stenosis and atrial myxoma, EuropeanJournal of Echocardiography,2002
- 11- Beheshti Monfared M, Majidi Tehrani MM, Hekmat M, Arab Nia MK, Hassan Tash SA, Hallaj Zadeh AM, Nobahar MR, Kachoueian N, Foroughi M, Taghi Pour HR, Safi M, Kiani R, Rezaei N .The results of coronary artery bypass graft in diabetic patients referred to Modarres Hospital during 1998-99 . Journal of Army University of Medical Sciences of The I.r.iran 2004;1(4): 207-205
- 12- Manouchehr Hekmat ,Hamid Reza Taghipoor ,Mohammad Rezvan Nobahar,Mahmoud Beheshti Monfared,Mohammad Masoud Majidi Tehrani,Mohammad Kazem Arabnia ,Seyyed Ahmad Hasantash .Ali-Mohammad Hallaj Zadeh .Naser Kachoueian,Mahnoush Foroughi .Nima Rezaei . Laparoscopic Cholecystectomy and Open-Heart Surgery at the Same Time. Journal of Cardiac Surgery.Volume 20, Issue 6, pages 557–559, November 2005

**13-Shahla Roodpeyma, Manouchehr Hekmat, Maryam Dordkhar , Sima Rafieyian, Arash Hashemi. A prospective observational study of paediatric cardiac surgery outcomes in a postoperative intensive care unit in Iran. J Pak Med Assoc. Vol. 63, No.1, January 2013**

**14- Ali Dabbagh, Manouchehr Hekmat, Arash Ghanavati, Abdolrahim Ghasemi. Cervical Mass Following Carotid Attempt at Interventional Repair of Aortic Coarctation: A Case Report. The Journal of Tehran university Heart Center 2010;1(5): 39-41**

**15-Sima Rafeiyian Saeed Mojtahedzadeh Manouchehr Hekmat Nasim Naderi ,Rezvan Nobahar Mohammad Jafar Hashemi Ali Kouhi. Supravalvular and Valvular Aortic Stenosis in Heterozygous Familial Hypercholesterolemia. Med Princ Pract 2007;16:315–317**

**16-Manouchehr Hekmat, Sima Rafieyian 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 December 2005 vol. 13 no. 4 307-310**

**17-Morteza Safi, Nematollah Pour Ebrahim, Mohammad Hasan Namazi, Habibollah Saadat, Hosein Vakili, Manouchehr Hekmat, Mohammad Reza Movahed. Traumatic coronary artery fistula closure with stent graft.**

**18- M. Hekmat, ; M. Foroughi, H. R. Taghipour, S. A. Hasantash, M. M. Majidi Tehrani, .BeheshtiMonfared, M. K. Arabnia, M. R. Nobahar, M. Shahzamani, N. Kachoueian, A. M. Hallajzadeh, N. Rezaei. MetastaticSarcoma Invasion through Pulmonary Vein to Left Atrium; an Unusual Way of Metastasis. Ir anian Hear t Jour nal 2004; 5(4): 53-56).**

**19- 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. Journal of Tehran University Heart Center. Volume: 5.Issue: 4.Year: 2010**

**20- Sima Rafeiyian | Manouchehr Hekmat | Ali Kouhi. Hydatid Cyst in a 10-Year-Old Boy: An Unusual Location. Journal of Tehran University Heart Center. Volume: 4.Issue: 2.Year: 2009**

**21- 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. Journal of Tehran University Heart Center. Volume: 5.Issue: 4.Year: 2010**

22- Fatemeh Vaziri , Shahla Roodpeyma , Manouchehr Hekmat , Sima Raffeyian , Saeed Mojtahedzadeh , Abdolrahim Ghassemi. Cardiovascular Malformations in Congenital Rubella Syndrome: A Case Report. IRANIAN JOURNAL OF CARDIAC SURGERY, 2012(Issue 2).

23- Safiarian R, Hekmat M. Ten-year evaluation of cardiac Myxoma surgical approach in Tehran's Shaheed Modarres Hospital during 1988-97. Hakim Research Journal 2000;2(4): 293-286

24- Daneshvar A, Arabnia MK, Hekmat M, Motamedi MR, Piranfar M, Rezvan Nobahar M .Bland-White-Garland syndrome . Pejouhandeh Quarterly Research Journal 1997;2(6): 56-49

25- Hekmat M., Shahzamani M., Mottahedi B., Beheshti Monfared M., Akhavan Nobahar M., Rafeean S..Eerly and Late Results of Rastelli Operation with Homograft in 8 Patients in Modarres Hospital . Iranian Journal of Surgery 2002;10(27): 37-40

26-- Manoochehr Hekmat, Maryam Taherkhan, Maryam Saraiani, Roxana Sadeghi, Valaie Naser .Evaluaton of independent impact of ST-segment resolution on outcome of patients with myocardial infarction . Journal of The Shaheed Beheshti University of Medical Sciences And Health Services 2011;35(3): 152-156.

27- Ganavati A, Forooghi M, Esmaeili S, Hasantash S A,Blourain A A, Shahzamani M, Beheshti Monfared M, Hekmat M, Rangbar Kermani T. The Relation between Post Cardiac Surgery Delirium and Intraoperative Factors. Iranian Journal of Surgery. IRANIAN JOURNAL OF SURGERY FALL 2009; 17(3):16-25.

28-SURGEONSCARDIOVASCULAR MALFORMATIONS IN FRYNS SYNDROME

29-Majidi Tehrani S, Ghaderi H, Foroughi M, Hekmat M, Beheshti Monfared M, Tatari H, et al . Ten-year evaluation of cardiac myxoma in Shahid Modarres Hospital . Tehran Univ Med J. 2014; 72 (2) :87-95

URL [http://tumj.tums.ac.ir/browse.php?a\\_code=A-10-25-5195&slc\\_lang=fa&sid=1](http://tumj.tums.ac.ir/browse.php?a_code=A-10-25-5195&slc_lang=fa&sid=1)

30- Mahnoosh Foroughi, Manouchehr Hekmat, Mohsen Ghorbani, Hamid Ghaderi, Masoud Majidi, and Mahmood Beheshti, “Mitral Valve Surgery in Patients with Systemic Lupus Erythematosus,” The Scientific World Journal, vol. 2014, Article ID 216291, 9 pages, 2014. doi:10.1155/2014/216291

31-Manouchehr Hekmat, Hamid Ghaderi, Seyedeh Adeleh Mirjafari . Loss of Guide Wire: A Rare Complication of Intra-Aortic Balloon Pump Insertion . The Journal of Tehran University Heart Center 2015. 10(01):68.

### **Experience:**

**More than 2500 open and closed heart surgery in adult and pediatric patient**

***Interests:***

**In Pediatric Cardiac Surgery**

**In Minimally Invasive Cardiac Surgery**

**In Valvular Heart Surgery**

***Innovations:***

- 1- Devise of laparoscopic cholecystectomy and open heart surgery at the same time.**
- 2- Performance of open heart surgery with abdominal operation (like hysterectomy) at one stage.**
- 3- Performance of PDA ligation through thoracoscopy, for the 1<sup>st</sup> time in Shahid Beheshti University.**
- 4- Performance of lung lavage for pulmonary alveolar proteinosis by ECMO for the 1<sup>st</sup> time in Iran.**