



## CV

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### **CURRENT POSITIONS:**

**1- Professor of Surgery** 2 / 2013

Massih Daneshvari Hospital, Department of Thoracic Surgery  
Shahid Beheshti University of Medical Sciences, Tehran, Iran

**2- Director, Advanced Trauma Life Support, ATLS** 12 / 2011

American College of Surgeons

**3- Chief, "Tracheal Diseases Research Center"** 9 / 2009

National Research Institute of Tuberculosis and Lung Diseases (NRITLD),  
WHO East Mediterranean Collaborating Center at Massih Daneshvari Hospital

**4- Member of the Board of Directors** 9 / 2008

National Board of General Thoracic Surgery, Ministry of Health & Medical Education

- 5- Member of the Board of Founders of the “Lung Transplantation Research Center”**  
NRITLD 9 / 2006
- 6- Member of the Research Council** 9 / 2006  
Lung Transplantation Research Center
- 7- Member of the Board of Directors and Secretary** 5 / 2004  
Iranian Society of Thoracic Surgeons

**PREVIOUS POSITIONS:**

- Associate Professor of Surgery** 7 / 2005 - 1 / 2013  
Massih Daneshvari Hospital, Department of Thoracic Surgery,  
Shahid Beheshti University of Medical Sciences, Tehran, Iran
- Assistant Professor of Surgery** 11 / 1994 - 6 / 2005  
Massih Daneshvari Hospital, Department of Thoracic Surgery,  
Shahid Beheshti University of Medical Sciences, Tehran, Iran
- Assistant Professor of Surgery** 11 / 1993 - 10 / 1994  
Rezaee Hospital, Department of General Surgery, Damghan  
Semnan University of Medical Sciences, Semnan, Iran
- Member of the Board of Directors** 10 / 1999 - 09 / 2001  
Clinical Research Group, NRITLD
- Member of the Board of Directors** 10 / 1999 - 09 / 2001  
Continue Medical Education Committee for all practicing physicians  
Shahid Beheshti University of Medical Sciences
- Secretary of Curriculum Committee** 11 / 1996 - 09 / 2001  
Department of Surgery  
Shahid Beheshti University of Medical Sciences

## **EDUCATIONS:**

**Fellowship/Research** 10 / 2001 – 06 / 2003 &  
**Thoracic Surgery Division,** 01 / 1998 – 01 / 1999  
**Massachusetts General Hospital, Boston, MA, USA**  
Program Director: Douglas J. Mathisen, MD, FACS

**Fellowship/Clinical** 11 / 1994 - 10 / 1996  
**General Thoracic Surgery**  
**Massih Daneshvari Hospital,**  
**Shahid Beheshti University of Medical Sciences, Tehran, Iran**  
Program Director: Farrokh Saidi, MD, FACS, FRCS  
National Board of General Thoracic Surgery: 1999

**Residency:**  
**General Surgery** 04 / 1989 - 09 / 1993  
**Modarres Hospital,**  
**Shahid Beheshti University of Medical Sciences, Tehran, Iran**  
Program Director: Farrokh Saidi, MD, FACS, FRCS  
National Board of General Surgery: 1993

**General Surgery**  
**Department of General Surgery, CCF, Cleveland, OH** 06 / 2003 – 12 / 2003  
Program Director: Allen Siperstein, MD, FACS  
Ohio State Medical Board License: 2003

**Medical Education:**  
Shahid Beheshti University of Medical Sciences,  
School of Medicine, Tehran, Iran 04 / 1983 - 04 / 1989  
MD Degree: 07 / 1990

## **PUBLICATIONS:**

### **Sent Articles:**

1-Heidari GH, [Shadmehr MB](#), **Increasing tobacco taxation through a sensitization program for tobacco control key policy makers in Iran, EMHJ .**

### **Accepted Articles:**

1- Elham Tafsiri, Mojtaba Darbouy, [Mohammad Behgam Shadmehr](#), William C Cho<sup>4</sup>, Morteza Karimipour Abberent **Expression of oncogenic and tumor-suppressive microRNAs and their target genes in human adenocarcinoma alveolar basal epithelial cells.** Journal of Cancer Research and Therapeutics.

2- Jamaati H, Saidi B, Zangi M, Farzanegan R, [Shadmehr MB](#). Lymphangioma, the Cause of Refractory Pleural Effusion in a Patient with Lupus Erythematosus. **TANAFFOS.**

#### **Published Articles:**

- [Shadmehr MB](#), Abbasidezfouli A, Farzanegan Roya, et al. **The role of systemic inpostintubation tracheal stenosis: A randomized clinical trial.** Ann Thorac Surg; 2016 May.

- Safshekan F, Tafazzoli-Shadpour M, Abdouss M, [Shadmehr MB](#). **Mechanical charecteization and constitutive modeling of human trachea: Age and gender dependency.** Materials. 2016.

- Azadmehr A, Sheikhy K, Pejhan S, Khorshidi H, Biharas Monfared A, Niayesh A, [Shadmehr MB](#). **Evaluation of results and complications of surgery in patients with pulmonary aspergilloma between 2000-2010.** The Quarterly IRANIAN Journal of Surgery. 2016; Vol. 24, No.2. (In Farsi)

- Saghaeian Jazi M, Samaei NM, Ghanei M, [Shadmehr MB](#), Mowla SJ. **Overexpression of the non-coding SOX2OT variants 4 and 7 in lung tumors suggests an oncogenic role in lung cancer.** Tumor Biol. 2016.

- Taghizadeh H, Tafazzoli – Shadpour M, [Shadmehr MB](#). **Analysis of aterial wall remodeling in hypertension based on lamellar modeling.** Journal of the Americal Society of Hypertension. 2015; 9(9): 735-744.

- Saghaeian Jazi M, Sameai NM, Ghanel Mostafa, [Shadmehr MB](#), Mowla SJ. **Identification of new SOX2OT transcript variants highly expressed in human cancer cell lines and down regulated in stem cell differentiation.** Mol Biol Rep. 2015.

- Heidari GH, Masjedi M, Ebn Ahmady A, Leischow SJ, Lando HA, [Shadmehr MB](#), Fadaizadeh L. **Quit smoking experts' opinions toward quality and results of quit smoking methods provided in tobacco cessation services centers in Iran.** Internal Journal of Preventive Medicine. 2015 August, IP: 2.188.26.153.

- Heidari GH, Ebn Ahmady , Lando HA, Chamyani F, Masjedi MR, [Shadmehr MB](#), Fadaizadeh L, Chaibakhs S. **Time trend of smoking scenes in Iranian movies during the past three decades (1982-2011): a historical analysis.** 2015 July.

- Daneshvar Kakhaki A, Kian Khodadad K, Pejhan S, Karimi S, Arab M, Saghebi R, [Shadmehr MB](#), Farzanegan R , **Gorham's Disease With Chest Wall Involvement: A Case Report and a Review of the Literature.** Red Crescent Med J. 2014 November; 16(11)

- Taghizadeh H, Tafazzoli-Shadpour M, [Shadmehr MB](#), Fatourae N. **Evaluation of Biaxial Mechanical Properties of Aortic Media Based on the Lamellar Microstructure.** *Materials* 2015, 8, 302-316.
- Tafsiri E, Darbouy M, [Shadmehr MB](#), Zagryazhskaya A, Alizadeh J, Karimipoor. **Expression of miRNAs in non-small-cell lung carcinomas and their association with clinicopathological features.** *Tumour Biol.* 2014 Nov 11. **Epub**
- Heydari G, Ebn Ahmady A, Lando HA, [Shadmehr MB](#), Fadaizadeh L. **The second study on WHO MPOWER tobacco control scores in Eastern Mediterranean Countries based on the 2013 report: improvements over two years.** *Arch Iran Med.* 2014 Sep;17(9):621-5.
- Heydari G, Masjedi M, Ahmady AE, Leischow SJ, Lando HA, [Shadmehr MB](#), Fadaizadeh L6. **A comparative study on tobacco cessation methods: a quantitative systematic review.** *Int J Prev Med.* 2014 Jun;5(6):673-8.
- Sheikhy K, [Shadmehr MB](#). **Hemoptysis as a Complication of Capitonage for Management of Pulmonary Hydatid Cyst.** *Tanaffos* 2014; 13(3): 46-48.
- Sheikhy K, Daneshvar Khakhki A, Sadegh Beigee F, [Shadmehr MB](#), Saghebi S.R., Abbasidezfouli A. **A Case Report of Lung RE-Transplantation.** *The Quarterly IRANIAN Journal of Surgery.* 2014; Vol. 22, No.1. (In Farsi)
- Mehrabi Sisakht S, Pejhan S, Saghebi S. R, Sadegh Beigee F, Abbasi A, [Shadmehr MB](#), Daneshvar Khakhaki A, Sheikhy K. **Spontaneous Drainage and the Recovery of Pulmonary Hydatid Cyst without Surgery.** *The Quarterly IRANIAN Journal of Surgery.* 2014; Vol. 21, No.4. (In Farsi)
- Mirtavoos-Mahyari H, Khosravi A2, Esfahani-Monfared Z1, [Shadmehr MB](#) **Two thymus-related autoimmune disorders: a case report and review of the literature.** *Onco Targets Ther.* 2014 May 10;7:633-6.
- Ahmadi ZH, Rahnemai-Azar AA, [Shadmehr MB](#), Parsa T, Neda Behzadnia N, Ansari Aval Z, Bahareh Mokri B, Gholamhoseini H. **Application of Intra-Aortic Balloon Pump in Resection and Anastomosis of Trachea.** *Tanaffos* 2014; 13(1): 48-51.
- Fateh S, [Shadmehr MB](#). **Thymectomies conducted at Masih Daneshvari and Shahid Modarres. Hospitals: contemplating on a decade long pursuit.** *Arak Medical University Journal.*2014; 16(81): 48-58 (In Farsi)

-Aminian N, Zangi M, Farzanegan R, Sheikhy K, [Shadmehr MB](#). **Journal Club: An Educational Experience for Thoracic Surgery Fellows.** The Quarterly IRANIAN Journal of Surgery. 2014; Vol. 21, No.3. (In Farsi)

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- Daneshvar Kakhki A, Abbasi Dezfouli A, Farzanegan R, **Shadmehr MB**, Arab M, Pejhan S. **Emergency Tracheotomy in Patients with Postintubation Tracheal Stenosis; an Uncertain and Risky Practice.** Journal of Medical Council of Islamic Republic of Iran, Vol.29, NO.1, Spring 2010: 9-15. (In Farsi)
- Abbasidezfouli A, Arab A, **Shadmehr M**, Pejhan S, Javaherzadeh M, Daneshvar A, Jahanshahi N, Farzanegan R. **Results of Surgical treatment for podtintubation airway stenosis, in 901 patients.** Journal of Medical Council of Islamic Republic of Iran, Vol.28, NO.1, spring 2010: 120-129. (In Farsi)
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- Abbasidezfouli A, Akbarian E, [Shadmehr MB](#), Arab M, Javaherzadeh M, Pejhan S, Daneshvar Kakhaki A, Farzanegan R. **Evaluation of the factors Responsible for the Recurrence of Post Intubation Tracheal Stenosis after Resection and Anastomosis.** IRANIAN JOURNAL OF SURGERY 2008;15 (4): 7-12. (In Farsi)
- Arab M, [Shadmehr M.B](#), Pejhan S, Farzanegan R, Javaherzadeh M, Daneshvar A, Jahanshahi N, Abbasi A. **Bronchial Carcinoid Tumors – Evaluation of our Experience in Diagnosis, Treatment and Results in the Patients of Massih Daneshvari Hospital between 1996-2007.** Iranian Journal of Surgery 2008;15(4): 67-72. (In Farsi)
- Abbasidezfouli A, [Shadmehr MB](#), Arab M, Javaherzadeh M, Pejhan S, Daneshvar A, Farzanegan R. **Postintubation multisegmental tracheal stenosis: treatment and results.** Ann Thorac Surg. 2007 Jul;84(1):211-4.
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- Saidi F, Keshoofy M, Abbassi-Dezfuli A, Ahamadi ZH, [Shadmehr MB](#). **A new approach to the palliation of advanced proximal gastric cancer.** J Am Coll Surg. 1999 Sep;189(3):259-68.
- Saidi F, Abbassi A, [Shadmehr MB](#), Khoshnevis-Asl G. **Endothoracic endoesophageal pull-through operation. A new approach to cancers of the esophagus and proximal stomach.** J Thorac Cardiovasc Surg. 1991 Jul;102(1):43-9; discussion 49-50.
- Abbasidezfuli A, Shishineh P, [Shadmehr MB](#), Ghaffarnejad MH. **Early and Late effects of Scolicidal agents on Liver and Bile Ducts.** Iranian Journal of Medical Sciences 1991; 16:36-9. (In Farsi)

#### **Books:**

- 1-Postintubation Airway Stenosis, The Principles of Diagnosis and Treatment. 2002. Abbasidezfuli A, [Shadmehr MB](#), et al.
- 2- History of thoracic surgery advancement in IRAN. 2004. Abbasidezfuli A, [Shadmehr MB](#), et al.
- 3- Chest Tubes and Principles of Pleural Drainage. 2005. Abbasidezfuli A, [Shadmehr MB](#), et al.

**Awards:**

- 1- Idiopathic laryngotracheal stenosis surgical or non surgical treatment? 21th European Conference on General Thoracic Surgery, Birmingham, UK, 28May 2013.
- 2- Distinguished Associate Professor and Teacher of the year 2011 in the Shahid Beheshti University of Medical Sciences
- 3- Thyroid cancers with laryngotracheal invasion, 19th European Conference on General Thoracic Surgery, 5-8 june2011, Marseille-France.
- 4- Distinguished Assistant Professor and Teacher of the year 1997 in the Shahid Beheshti University of Medical Sciences.
- 5- The "Endothoracic endoesophageal pull through operation" Project was ranked the best Clinical Research Project in the Shahid Beheshti University of Medical Sciences in 1990.

**Research Projects:**

- 1- The role of postoperative systemic steroids in prevention of granulation tissue formation and healing of airway anastomosis.

Tracheal Diseases Research Center (TDRC)

Status: Ongoing

- 2- National Project of post-intubation tracheal stenosis, Incidence rate estimation, risk factors assessment, Intervention for incidence reduction, National guidelines establishment.

Tracheal Diseases Research Center (TDRC)

Status: Ongoing

- 3- Tracheal tissue engineering

Tracheal Diseases Research Center (TDRC), Amirkabir University of Technology, Material and Energy Research Center

Status: Ongoing

- 4- Post-intubation tracheal stenosis after suicide

Tracheal Diseases Research Center (TDRC)

Status: Ongoing

- 5- The VATS approach to spontaneous pneumothorax

Tracheal Diseases Research Center (TDRC)

Status: Ongoing

6- Assessment of expression and function of newly discovered gene variants in lung cancers

Tracheal Diseases Research Center (TDRC), Golestan University, Baqiyatallah University of Medical Sciences

Status Ongoing

7- microRNAs in lung cancers

Tracheal Diseases Research Center (TDRC), Baqiyatallah University of Medical Sciences

Status: Ongoing

8- Assessment of gene linkage by PCR in Iranian patients with Non-small cell lung cancers

Tracheal Diseases Research Center (TDRC),

Status: Ongoing

9- Tracheal transplantation with cryopreserved aortic allograft

Tracheal Diseases Research Center (TDRC), Royan Institute

Status: Ongoing

10- Tracheal Transplantation with cryopreserved tracheal allograft

Tracheal Diseases Research Center (TDRC), Royan Institute

Status: Ongoing

11- Mechanical characteristics of the layers of arterial wall

Tracheal Diseases Research Center (TDRC), Amirkabir University of Technology

Status: Ongoing

12- Knowledge, attitude and practice of thoracic surgeons about antibiotic prophylaxis in thoracic surgery.

Tracheal Diseases Research Center (TDRC)

Status: Finished 2015

13- VATS approach to lung hydatid cyst

Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

14- Outcome assessment of patients with complete tracheal transection due to blunt trauma.

Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

15- Idiopathic subglottic stenosis.

Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

16- Chest wall tumors.

Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

17- The etiologic role of drug- abuse in patient with empyema, at Massih Daneshvari hospital.

Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

18- Mechanical characteristics of tracheal rings.

Tracheal Diseases Research Center (TDRC), Amirkabir University of Technology

Status: Finished 2013

19- Tracheal scaffold design and fabrication.

Tracheal Diseases Research Center (TDRC), Amirkabir University of Technology

Status: Finished 2013

20- Evaluation and comparison of miRNAs expression and function in patients with lung cancers sensitive to radiotherapy

Tracheal Diseases Research Center (TDRC), Pasteur Institute of Iran

Status: Finished 2013



21- Detection of aberrant methylation of 10 genes in genomic DNA of lung tumor.

Tracheal Diseases Research Center (TDRC), Tofigh Daru

Status: finished 2012

22- The effects of systemic corticosteroids in the management of patients with postintubation tracheal stenosis, A Randomized Clinical Trial

Tracheal Diseases Research Center (TDRC)

Status: Finished 2012

23- Esophageal substitution with trachea, an animal – experimental study.

Tracheal Diseases Research Center (TDRC)

Status: finished 2012

24- The long term results of using T-Tubes in the management of patients with tracheal stenosis

Tracheal Diseases Research Center (TDRC),

Status: Finished 2012

25- Establishment and development of "Skill Laboratory" at Massih Daneshvali hospital

Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

26- The long term results of the treatment of thyroid cancers invading the larynx and trachea in the patients at Massih Daneshvari Hospital

Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

27- The long term results of the treatment of primary tracheal and main bronchial tumors in the patients at Massih Daneshvari Hospital

Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

28- Determining the relationship between the Plethysmographic findings and bronchoscopic and/or surgical findings of patients with postintubation tracheal stenosis

Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

29- The comparison of the effects of intrapleural morphine and fentanyl for pain management after VATS

Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2005

30- The comparison of the effects of intrapleural morphine and fentanyl for pain management after Posterolateral Thoracotomy

Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2005

31- Establishment of the first hospital unit of evaluation, documentation and report of the Adverse Drug Reactions

Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2005

32- Primary Tracheal Tumors

Harvard University, Massachusetts General Hospital

Status: Finished 2003

33- Surgical management of Chest Wall Tumors-Long term results

Harvard University, Massachusetts General Hospital

Status: Finished 2003

34- Thyroid Cancers invading the Airway-Long term results

Harvard University, Massachusetts General Hospital

Status: Finished 2003

35- Mediastinal Dumbbell Tumors

Harvard University, Massachusetts General Hospital

Status: Finished 2002

36- Prevention of Postintubation Tracheal and Subglottic Stenosis

Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2000

37- The role of Video-assisted Thoracoscopic Surgery (VATS) in diagnosis of pleural effusions in patients at Massih Daneshvari Hospital

Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2000

38- “Endothoracic endoesophageal pull-through operation”, a new approach to the Cancer of the Esophagus

Shahid Beheshti University of Medical Sciences, Modarres Hospital

Status: Finished 1992

39- Acute and late effects of Scolicidal agents on Liver and Bile Ducts; An experimental study (Animal study)

Shahid Beheshti University of Medical Sciences, Modarres Hospital

Status: Finished 1990

**Membership:**

European Society of Thoracic Surgeons

2010

Iranian Society of Thoracic Surgeons

1998