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#### **ACADEMIC POSITIONS:**

##### **Professor of Surgery**

2 / 2013 - Present

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

##### **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

## **PROFESSIONAL POSITIONS:**

### **Thoracic Surgeon**

Massih Daneshvari (Academic) Hospital, Tehran, Iran

11 / 1996 - Present

Atieh (Private) Hospital, Tehran, Iran

2 / 2000 – Present

### **General Surgeon**

11 / 1993 - 10 / 1994

Rezaee Hospital, Damghan, Iran

## **ADMINISTRATIVE POSITIONS:**

### **1- Chief, “Tracheal Diseases Research Center”**

9 / 2009 - Present

National Research Institute of Tuberculosis and Lung Diseases (NRITLD),

Shahid Beheshti University of Medical Sciences, Tehran, Iran

### **2- Director of Education, Vice President**

12 / 2020 - Present

General Thoracic Surgery Department, Shahid Behesti University of Medical Sciences

### **3- Regional Director, Advanced Trauma Life Support, ATLS**

12 / 2011 - Present

American College of Surgeons

### **4- Vice President**

9 / 2015 – Present

#### **Board member**

9 / 2008 - 8 / 2015

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

### **5- Founding Board member and Member of the Research Council**

Lung Transplantation Research Center,

National Research Institute of Tuberculosis and Lung Diseases (NRITLD) 9 / 2006 - Present

### **6- Vice President**

5 / 2015 - Present

#### **Board member**

5 / 2004 - 4 / 2015

Iranian Society of Thoracic Surgeons

**7- Member of the Board of Directors** 10 / 1999 - 09 / 2001  
Clinical Research Group, NRITLD

**8- Member of the Board of Directors** 10 / 1999 - 09 / 2001  
Continuing Medical Education Committee for all practicing physicians  
Shahid Beheshti University of Medical Sciences

**9- Member of the Board** 11 / 1996 - 09 / 2001  
Curriculum Committee, Department of Surgery  
Shahid Beheshti University of Medical Sciences

**EDUCATION:**

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

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

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

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

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

**General Surgery Residency**  
Department of General Surgery, CCF, Cleveland, OH 06 / 2003 – 12 / 2003  
Program Director: Allen Siperstein, MD, FACS

**CERTIFICATIONS:**

National Board of General Surgery: 1993

National Board of General Thoracic Surgery: 1999

ECFMG, certificate number: 0-586-759-3, valid indefinitely

**LICENSURE:**

Ohio State Medical Board License: 2003

Tehran Medical Board License: 1999

**TEACHING ACTIVITIES:**

|                                                                     |                |
|---------------------------------------------------------------------|----------------|
| Teaching of <b>Medical Students</b> , bimonthly                     | 1994 – Present |
| Formal teaching of <b>General Surgery Residents</b>                 | 1995 – Present |
| Formal teaching of <b>General Thoracic Surgery Clinical Fellows</b> | 1997 – Present |

**PhD by Research Thesis Supervisor:**

- 1- Roya Farzanegan, MD, PhD: Clinical Epidemiology: Post-Intubation Tracheal Stenosis; Incidence Rate Estimation and Risk Factors Assessment, 2012 – 2017
- 2- Fariba Ghorbani, MD, PhD: Tracheal Tissue Engineering, Fabrication and Characterization of a Vascularized Tracheal Substitute for Tracheal Replacement in Animal Model, 2012 – 2017

**Journal Club Director:**

Monthly Journal Clubs for General Thoracic Surgery Fellows 2008 - Present

**Patient educational material:**

Pamphlet and CD for discharged patients with the risk of PITS or with a tracheostomy tube

## **CLINICAL INNOVATIONS:**

Biodegradable and Biocompatible Tracheal Stent (under review)

Patent # 139750140003006266

## **INTERNATIONAL ORAL PRESENTATIONS:**

### **Postintubation Multisegmental Tracheal Stenosis, a 24-Year Experience**

ESTS Annual Meeting, Ljubljana, Slovenia, 2018

### **The role of systemic Steroids in postintubation tracheal stenosis: A randomized clinical trial**

STS Annual Meeting, Arizona, USA, 2016

### **The role of T-tubes in the management of airway stenosis**

ESTS Annual Meeting, Essen, Germany, 2012

### **Thyroid cancers with laryngotracheal invasion**

ESTS Annual Meeting, Marseille, France, 2011

### **Primary Major Airway Tumors, Management and Results**

ESTS Annual Meeting, Valladolid, Spain, 2010

## **NATIONAL ORAL PRESENTATIONS: (some selected presentations from 2012 to 2018)**

### **The role of VATS in Thymoma**

42<sup>nd</sup> Annual Congress of Iranian Association of Surgeons, 2018

### **An Overview of the STS 54<sup>th</sup> Annual Meeting**

42<sup>nd</sup> Annual Congress of Iranian Association of Surgeons, 2018

### **GI Reconstruction after Esophagectomy**

42<sup>nd</sup> Annual Congress of Iranian Association of Surgeons, 2018

### **Lung Cancer Updates**

The 6<sup>th</sup> Khorasan Surgery Congress, Mashhad, 2018

**Tracheostomy**

Annual Meeting of Intensivists, Tehran, 2018

**Metastatectomy in Lung Metastasis**

15<sup>th</sup> Annual congress of ISMOH, 2017

**Surgical Approach to Esophageal Cancers**

Mazandaran University of Medical Sciences, 2017

**Advantages and Disadvantages of Thoracoscopic Lobectomy**

The 4<sup>th</sup> Khorasan Surgery Congress, Mashhad, 2016

**Thoracoscopic Approach to Bullous Lung Diseases**

40<sup>th</sup> Annual Congress of Iranian Association of Surgeons, 2016

**Minimally Invasive Esophagectomy**

40<sup>th</sup> Annual Congress of Iranian Association of Surgeons, 2016

**New Advancements in Surgery for Staging and Treatment of NSCLC**

Radio-oncology Annual Meeting, 2016

**Minimally Invasive Approach for Mediastinal Lesions**

4<sup>th</sup> International Congress of Minimally Invasive Surgery, Shiraz, 2015

**Technical Improvements in Lung Transplantation**

39<sup>th</sup> Annual Congress of Iranian Association of Surgeons, 2015

**Lung Transplantation since April 2000 in IRAN**

The 3<sup>rd</sup> Khorasan Surgery Congress, Mashhad, 2015

**Post-intubation Tracheal Stenosis**

International Congress on Pulmonary Diseases, Intensive Care and Tuberculosis, 2015

**Lung Transplantation Complications**

The 2<sup>nd</sup> Khorasan Surgery Congress, Mashhad, 2014

### **Management of patients presented urgently with Tracheal Stenosis**

The 1<sup>st</sup> Khorasan Surgery Congress, Mashhad, 2013

### **Video-Assisted Thoracoscopic Surgery, Updates**

URMIA University of Medical Sciences, 2013

### **Thoracoscopic approach to Lung Hydatid Cysts**

Mashhad University of Medical Sciences, 2012

### **The Role of Surgery for Stage III NSCLC 2012**

36<sup>th</sup> Annual Congress of Iranian Association of Surgeons, 2012

### **EDITORIAL ACTIVITIES:**

#### **Assistant Editor:**

|                                                 |                |
|-------------------------------------------------|----------------|
| Interactive Cardiovascular and Thoracic Surgery | 2019 - Present |
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#### **Manuscript Reviewer:**

|                                |                |
|--------------------------------|----------------|
| The Annals of Thoracic Surgery | 2016 - Present |
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| European Journal of Cardio-Thoracic Surgery | 2013 - Present |
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| Interactive Cardiovascular and Thoracic Surgery | 2013 - Present |
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| Archives of Iranian Medicine | 2010 - Present |
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| TANNAFOS (Respiration) | 2002 - Present |
|------------------------|----------------|

#### **Annual Meeting Abstracts Reviewer:**

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| European Society of Thoracic Surgeons Annual Meeting | 2019 |
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| International Congress on Pulmonary Diseases, Intensive Care and Tuberculosis | 2001 - Present |
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| Iranian Society of Thoracic Surgeons Annual Meeting | 2004 - Present |
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### **PUBLICATIONS (123 peer-reviewed papers):**

#### **International peer-reviewed publications:**

52-Mokhber Dezfuli M, Saghebi SR, [Shadmehr MB](#), Abbasidezfouli A. **Post-intubation tracheal stenosis in pediatric age group: single-center experiences of 24 years.** General Thoracic and Cardiovascular Surgery. 2022 Jan 8:1-6.

51- Baghbani R, [Shadmehr MB](#) , Ashoorirad M, Molaezadeh F. **Bioimpedance Spectroscopy Measurement and Classification of Lung Tissue to Identify Pulmonary Nodules.** IEEE Transactions on Instrumentation and Measurement 18 August 2021:10.1109/TIM.2021.3105241. 1557-9662.

50-Pargol M, Zare Karizi SH , Akbari M, Nourmohammadi B , [Shadmehr MB](#), Morteza Karimipoor , Zare KariziInvestigation SH .**The Role of Autophagy in Non-Small Cell Lung Cancer** . Asian Pac J Cancer Prev 2021 Mar 1;22(3):947-955. doi: 10.31557/APJCP.2021.22.3.947.

49-Safshekan F, Tafazzoli-Shadpour M, Abdouss M, [Shadmehr MB](#), Ghorbani F. **Finite element simulation of human trachea: Normal vs. surgically treated and scaffold implanted cases.** International Journal of Solids and Structures. 2020 May 1;190:35-46.

48- Farzanegan R, Zangi M, Abbasidezfouli A, Pejhan S, Sadeghbeigee F, Daneshvarkakhki A, Sheikhy K, Saghebi SR, Nazemy S, Jahanshahi N, [Shadmehr MB](#). **Postintubation Multisegmental Tracheal Stenosis, a 24-Year Experience.** The Annals of Thoracic Surgery. 2020 Nov 21.

47- Farsad Z, Farzanegan R, Doozandeh N, [Shadmehr MB](#), Sheikhnejad R. **Bcl-2 chromosomal translocation t(14;18) in lung cancer tumors and lung biopsy specimens.**J Mol Oncol Res 2020 Volume 4 Issue 6.

46-Baghbani R, Moradi MH, [Shadmehr MB](#), Sanat ZM. **A New Bio-Impedance Forceps Sensor for Measuring Electrical Conductivity of the Biological Tissues.** IEEE Sensors Journal. 2019 Aug 27;19(23):11721-31.

45-Esfandi F, Taheri M, Omrani MD, [Shadmehr MB](#), Arsang-Jang S, Shams R, Ghafouri-Fard S. **Expression of long non-coding RNAs (lncRNAs) has been dysregulated in non-small cell lung cancer tissues.** BMC cancer. 2019 Dec; 19(1):222.

44- Baghbani R, Moradi MH, [Shadmehr MB](#). **The Development of a Four-Electrode Bio-Impedance Sensor.** Annals of Biomedical Engineering; DOI: <https://doi.org/10.1007/s10439-018-2032-8>.

43- Baghbani R, Moradi MH, [Shadmehr MB](#). **Identification of Pulmonary Nodules by Sweeping the Surface of the Lung with an Electrical Bioimpedance Probe: A Feasibility Study.** J Invest Surg. 2018 Mar; 19: 1-10.

42- Baghbani R, Moradi MH, [Shadmehr MB](#). **Identifying and localizing of the In-depth pulmonary nodules using electrical Bio-Impedance.** J Invest Surg 2017 Dec; 18: 1-10.

- 41- Heydari G, EbnAhmady A, Lando HA, Chamyani F, Masjedi M, [Shadmehr MB](#), Fadaizadeh L. **Third study on WHO MPOWER Tobacco Control Scores in Eastern Mediterranean countries 2011-2015.** East Mediterr Health J. 2017 Nov 19;23(9):598-603.
- 40- [Shadmehr MB](#), Abbasidezfouli A, Farzanegan Roya, et al. **The role of systemic Steroids in postintubation tracheal stenosis: A randomized clinical trial.** Ann Thorac Surg; 2017;103:246–53
- 39- Ghorbani F, Moradi L, [Shadmehr MB](#), Bonakdar SH, Droodinia A, Safshekan F. **In-vivo characterization of a 3D hybrid scaffold based on PCL/decellularized aorta for tracheal tissue engineering.** Materials Science and Engineering . May 2017; 74–83.
- 38- Ghorbani F, Feizabadi M, Farzanegan R, Vaziri E, Samani S, Lajevardi S, Moradi L, [Shadmehr MB](#). **An Investigation of Topics and Trends of Tracheal Replacement Studies Using Co-Occurrence Analysis.** Tissue Eng Part B Rev. 2017 Apr;23(2):118-127.
- 37- Safshekan F, Tafazzoli-Shadpour M, Abdouss M, [Shadmehr MB](#). **Viscoelastic Properties of Human Tracheal Tissues:** Journal of Biomechanical Engineering. January 2017, Vol. 139.
- 36- Heydari G, Ahmady AE, Lando HA, Chamyani F, Masjedi M, [Shadmehr MB](#), Fadaizadeh L. **A qualitative study on a 30-year trend of tobacco use and tobacco control programmes in Islamic Republic of Iran.** East Mediterr Health J. 2016 Aug 18;22(5):335-42.
- 35- Safshekan F, Tafazzoli-Shadpour M, Abdouss M, [Shadmehr MB](#). **Mechanical characterization and constitutive modeling of human trachea: Age and gender dependency.** Materials. 2016 Jun 8;9(6). pii: E456. doi: 10.3390/ma9060456.
- 34- 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 Aug;37(8):10329-38.
- 33- Saghaeian Jazi M, Samaei NM, Ghanei M, [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. 2016 Feb;43(2):65-72. doi: 10.1007/s11033-015-3939-x. Epub 2015 Dec 24.
- 32- Heydari G, Joossens L, Chamyani F, Masjedi MR, [Shadmehr MB](#), Fadaizadeh L. **Second pack survey on the prevalence of the use of smuggled cigarettes in Tehran, 2015.** Tob Control. 2016 Nov;25(6):639-640.
- 31- Tafsiri E, Darbouy M, [Shadmehr MB](#), Cho WC, Karimipoor M1. **Abberent expression of oncogenic and tumor-suppressive microRNAs and their target genes in human adenocarcinoma alveolar basal epithelial cells.** J Cancer Res Ther. 2016 Jan-Mar;12(1):395-400

- 30- Taghizadeh H, Tafazzoli-Shadpour M, [Shadmehr MB](#). **Analysis of arterial wall remodeling in hypertension based on lamellar modeling.** Journal of the American Society of Hypertension. 2015; 9(9): 735-744.
- 29- Heydari 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.** Tob Control. 2016 Sep;25(5):591-3. doi: 10.1136/tobaccocontrol-2014-051958. Epub 2015 Jul 14.
- 28- 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.
- 27- 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.** Tumor Biol. 2015 Mar;36(3):1603-12. doi: 10.1007/s13277-014-2755-6. Epub 2014 Nov 11.
- 26- 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.
- 25- Sheikhnejad R, Zohri M, [Shadmehr MB](#), Rahmani-Khalili M, Doozande N, Farsad Z, Sheikhzade K. **Detection of aberrant methylation of 10 genes in genomic DNA of lung tumors.** Ann Oncol. 2013 Oct;24(10):2705-6.
- 24- Saghebi SR1, Zangi M, Tajali T, Farzanegan R, Farsad SM, Abbasidezfouli A, Sheikhy K, [Shadmehr MB](#). **The role of T-tubes in the management of airway stenosis.** Eur J Cardiothorac Surg. 2013 May;43(5):934-9.
- 23-Jamaati HR, [Shadmehr MB](#), Aloosh O, Radmand G, Mohajerani SA, Hashemian SM. **Evaluation of plethysmography for diagnosis of postintubation tracheal stenosis.** Asian Cardiovasc Thorac Ann. 2013 Apr;21(2):181-6.
- 22- [Shadmehr MB](#), Farzanegan R, Zangi M, Mohammadzadeh A, Sheikhy K, Pejhan S, Daneshvar A, Abbasidezfouli A. **Thyroid cancers with laryngotracheal invasion.** Eur J Cardiothorac Surg. 2012 Mar;41(3):635-40.
- 21- Farzanegan R, Alijanipour P, Akbarshahi H, Abbasidezfouli A, Pejhan S, Daneshvar A, [Shadmehr MB](#). **Major airways trauma, management and long term results.** Ann Thorac Cardiovasc Surg. 2011;17(6):544-51.

- 20- [Shadmehr MB](#), Farzanegan R, Graili P, Javaherzadeh M, Arab M, Pejhan S, Karam MB, Abbasidezfouli A. **Primary major airway tumors; management and results.** Eur J Cardiothorac Surg. 2011 May;39(5):749-54.
- 19- Jazieh AR, Bamefleh H, Demirkazik A, Gaafar RM, Geara FB, Javaid M, Khader J, Khodadad K, Omar W, Saadeddin A, Sabe HA, [Shadmehr MB](#), El Sherif A, Uddin N, Jahanzeb M, Ettinger D. **MENA Lung Cancer Regional Guidelines Committee. Modification and implementation of NCCN guidelines on non-small cell lung cancer in the Middle East and North Africa region.** J Natl Compr Canc Netw. 2010 Jul;8 Suppl 3:S16-21.
- 18- [Shadmehr MB](#), Arab M, Pejhan S, Daneshvar A, Javaherzadeh N, Abbasi A, Ahmadi ZH, Radpay B, Dabir S, Parsa T, Mohammadi F, Mansoori SD, Tabarsi P, Amiri MV, Marjani M, Kashani BS, Najafizadeh K, Shafaghi S, Ghorbani F, Masjedi MR, Velayati AA. **Eight years of lung transplantation: experience of the National Research Institute of Tuberculosis and Lung Diseases.** Transplant Proc. 2009 Sep;41(7):2887-9.
- 17- Najafizadeh K, [Shadmehr MB](#), Daneshvar A, Malekmohammad M, Arab M, Ahmadi ZH, Shafaghi Sh, Ghorbani F, Assari S, Moghani-Lankarani M. **Lung donation and causes behind its failure: a single-center experience.** Transplant Proc. 2009 Sep;41(7):2726-8.
- 16- Najafizadeh K, Shieh morteza M, Mohamad MM, [Shadmehr MB](#), Arab M, Ghorbani F, Moinfar MA, Najafizadeh C, Assari S, Moghani-Lankarani M. **Issuing donor cards in a single center in Iran: results of the first 3 years.** Transplant Proc. 2009 Sep;41(7):2711-4.
- 15- Dezfouli AA, Najafizadeh K, Parsa T, [Shadmehr MB](#), Dabir S, Mohammadi F, Tabarsi P, Lankarani MM, Assari S, Marjani M, Fahimi F, Shafaghi S, Faeghi J, Masjedi MR. **Postlung transplant rehospitalization: a study of causes, health care burden, and outcomes.** Exp Clin Transplant. 2009 Sep;7(3):192-6.
- 14- [Shadmehr MB](#), Jamaati HR, Saidi B, Tehrai M, Arab M. **Extralobar sequestration in anterior mediastinum with pericardial agenesis.** Ann Thorac Surg. 2009 Jul;88(1):291-3.
- 13- Abbasidezfouli A, Akbarian E, [Shadmehr MB](#), Arab M, Javaherzadeh M, Pejhan S, Abbasi-Dezfouli G, Farzanegan R. **The etiological factors of recurrence after tracheal resection and reconstruction in post-intubation stenosis.** Interact Cardiovasc Thorac Surg. 2009 Sep;9(3):446-9.
- 12- Jamaati HR1, [Shadmehr MB](#), Saidi B, Khosravi A, Arab M, Mohammadi F. **Langerhans cell histiocytosis of the lung and thyroid, co-existing with papillary thyroid cancer.** Endocr Pathol. 2009 Summer;20(2):133-6. doi: 10.1007/s12022-009-9068-0.

- 11- Abbasi-Dezfouli A, Pojhan S, [Shadmehr MB](#), Najafizadeh K, Ghorbani F, Lorgard-Dezfuli-Nejad M, Assari S. **The cost of lung transplantation in Iran.** Ann Transplant. 2009 Apr-Jun;14(2):30-3.
- 10- Najafizadeh K, Daneshvar A, Dezfouli AA, Kashani BS, Ahmadi ZH, [Shadmehr MB](#), Ghasemi M, Kardavani B, Lankarani MM, Shafaghi S. **Pulmonary artery stenosis shortly after lung transplantation: successful balloon dilation and stent insertion in one case.** Ann Transplant. 2009 Jan-Mar;14(1):52-5.
- 9- 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.
- 8- Abbasidezfouli A, Arab M, Daneshvar Kakhaki A, Farzanegan R, [Shadmehr MB](#), Javaherzadeh M, Pejhan S. **Résection pour Stenoses Tracheales Post-Intubation(1994-2004)** Chirurgie Thoracique Cardio-Vasculaire - 2007;11:98-101.
- 7- Gaissert HA, Grillo HC, [Shadmehr MB](#), Wright CD, Gokhale M, Wain JC, Mathisen DJ. **Uncommon primary tracheal tumors.** Ann Thorac Surg. 2006 Jul;82(1):268-72; discussion 272-3.
- 6- Gaissert HA, Grillo HC, [Shadmehr MB](#), Wright CD, Gokhale M, Wain JC, Mathisen DJ. **Laryngotracheoplastic resection for primary tumors of the proximal airway.** J Thorac Cardiovasc Surg. 2005 May;129(5):1006-9.
- 5- Gaissert HA, Grillo HC, [Shadmehr MB](#), Wright CD, Gokhale M, Wain JC, Mathisen DJ. **Long-term survival after resection of primary adenoid cystic and squamous cell carcinoma of the trachea and carina.** Ann Thorac Surg. 2004 Dec;78(6):1889-96; discussion 1896-7.
- 4- [Shadmehr MB](#), Gaissert HA, Wain JC, Moncure AC, Grillo HC, Borges LF, Mathisen DJ. **The surgical approach to "dumbbell tumors" of the mediastinum.** Ann Thorac Surg. 2003 Nov;76(5):1650-4.
- 3- Arab M, Farzanegan GR, Keshoofy M, Abbasidezfouli A, [Shadmehr MB](#), Parsa T. **Resection of the thoracic vertebral bodies to relieve the pressure on the major airways: an approach to reduce respiratory symptoms due to tuberculosis sequelae.** Int J Tuberc Lung Dis. 2001 Aug;5(8):785-6.
- 2- Saidi F, Keshoofy M, Abbasi-Dezfuli A, Ahmadi ZH, [Shadmehr MB](#). **A new approach to the palliation of advanced proximal gastric cancer.** J Am Coll Surg. 1999 Sep;189(3):259-68.

1- 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.

**National peer-reviewed publications in English language:**

40- Farzanegan B, Farzanegan R, [Shadmehr MB](#), Lajevardi AM, **Prediction patient`s adherence to post-intubation tracheal stenosis follow-up plan in Iran: application of two data mining techniques .** Journal of Tanaffos. Autumn 2020; 19(4): 330-339.

39-[Shadmehr MB](#), Ghorbani F, Mokhber-Dezfuli M. **A simple recommendation to prevent COVID-19 spread by patients with tracheostomy tube.** Journal of Research in Medical Sciences. 2020.

38-Salehi F, Niusha S, Saghebi SR, Razavi SM, [Shadmehr MB](#). **Technical Details of Surgical Treatment of a Severely Displaced Sternal Fracture.** Tanaffos. 2019 Apr;18(4):365.

37- Abbasi Dezfouli A, [Shadmehr MB](#), Sheikhy K. **Idiopathic Subglottic Tracheal Stenosis in Identical Twin Sisters.** Iranian Journal of Otorhinolaryngology. Jul 2019;Vol.31 (4), Serial No.10.

36-Daneshvar Kakhki A, Sheikhi K, Saghebi SR, Pejhan S, Sadegh Beigee F, [Shadmehr MB](#), Karimi H, Abbasidezfouli A. **Post-intubation tracheoesophageal fistula: a nine-year experience.** Journal of Cardio-Thoracic Medicine. 2017;5(3):177-80.

35- Niusha SH, Salehi F, [Shadmehr MB](#). **Obstructive Tracheal Pseudomembrane.** Arch Iran Med. November 2017; 20(11):714-715.

34- Zangi M , Saghebi SR, Biharas Monfared A, Lajevardi S, [Shadmehr MB](#). **Colopharyngoplasty in Patients with Severe Pharyngoesophageal Corrosive Injury: A Complicated but Worthwhile Procedure to Restore GI Tract Continuity, A Case Series.** Tanaffos. 2017;16(1):68-75.

33- Farzanegan R, Feizabadi M, Ghorbani F, Movassaghi M, Vaziri E, Zangi M, Lajevardi S5, [Shadmehr MB](#). **An Overview of Tracheal Stenosis Research Trends and Hot Topics.** Arch Iran Med. 2017 Sep;20(9):598-607.

32- Farzanegan R, Farzanegan B, Alehashem M, Zangi M, Niakan Kalhori SH, Sheikhy K, Emami H, [Shadmehr MB](#). **Item Selection and Content Validity of the Risk Factors of Post-Intubation Tracheal Stenosis Observation Questionnaire for ICU-Admitted Patients.** Tanaffos 2017; 16(1): 22-33.

- 31- Nematollahi Z, Tafazzoli-Shadpour M, Ali Zamanian<sup>2</sup>, Amir Seyedsalehi A, [Shadmehr MB](#), Ghorbani F, Mirahmadi F. **Fabrication of Chitosan Silk-based Tracheal Scaffold Using Freeze-Casting Method.** Iranian Biomedical Journal. 239 July 2017; 21(4): 228-239.
- 30- Farzanegan R, Alehashem M, Farzanegan B, Zangi, M, [Shadmehr MB](#). **The impact of post-discharge call interview to improve the screening of post-intubation tracheal stenosis: An experimental study.** Iranian Red Crescent Medical Journal. 2017, 19(1),e39328.
- 29- Farzanegan R, Farzanegan B, Zangi M, Golestani Eraghi M, Noorbakhsh S, Doozandeh Tabarestani N, [Shadmehr MB](#). **Incidence Rate of Post-Intubation Tracheal Stenosis in Patients Admitted to Five Intensive Care Units in Iran.** Iran Red Crescent Med J. 2016 Aug 2;18(9):e37574.
- 28- Baniasadi S, Alaeen Z, [Shadmehr MB](#). **Surgical Antibiotic Prophylaxis: A Descriptive Study among Thoracic Surgeons.** Tanaffos 2016; 15(3): 154-159.
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- 23- 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).
- 22- 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.
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- 20- Sheikhy K, [Shadmehr MB](#). **Hemoptysis as a Complication of Capitonnage for Management of Pulmonary Hydatid Cyst.** Tanaffos 2014; 13(3): 46-48.
- 19- 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.
- 18- Aminain N, Roshandel T, Khajeiyan D, Zangi M, [Shadmehr MB](#). **Media Mix for Awareness and Health Promotion in Lung Cancer Patients.** Tanaffos 2013; 12(4): 42-47.
- 17- Ghorbani A, Dezfouli AA, [Shadmehr MB](#), Pejhan S, Saghebi SR, Ghare-Daghi AS, Farzanegan R, Jahanshahi N. **A proposed grading system for post-intubation tracheal stenosis.** Tanaffos. 2012;11(3):10-4.
- 16- Darazam IA, Fakharian A, [Shadmehr MB](#), Dorudinia A, Mansouri D. **A twenty-year-old woman with hemoptysis.** Tanaffos. 2011;10(3):67-70.
- 15- Abbasi Dezfouli A, [Shadmehr MB](#), Javaherzadeh M, Pejhan S, Daneshvar Kakhki A, Saghebi R, Sheikhi K. **Surgical Treatment of Post-Intubation Tracheal Stenosis.** Tanaffos 2010; 9(4). 9-21.
- 14- [Shadmehr MB](#), Pirzeh A, Arab M, Abbasi Dezfouli A, Mojtaba Javaherzadeh, Pejhan S, Daneshvar Kakhki A, Farzanegan R. **Dysphonia and Cervicomediastinal Mass, Very Unusual Presentation of Hydatid Cyst.** Tanaffos 2010; 9(2). 61-63.
- 13- Sotoudehmanesh R1, [Shadmehr MB](#), Jamali R. **Esophageal duplication cyst.** Arch Iran Med. 2009 Jul;12(4):424, 432.
- 12- Abbasidezfouli A, Arab M, Pejhan S, Daneshvar Kakhaki A, [Shadmehr MB](#), Farzanegan R, Abbasidezfouli G. **Presentation of a Surgical Technique and Results in the Treatment of Lung Hydatid Cyst,** Tanaffos 2008; 7(4). 11-18.
- 11- Abbasi Dezfouli A, Heydari B, [Shadmehr MB](#), Arab M, Javaherzadeh M, Pejhan S, Daneshvar Kakhki A, Farzanegan R. **Pulmonary Metastatectomy and Survival Rate of Patients.** Tanaffos 2008; 7(1). 47-51.
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- 9- Pejhan S, LashakriZadeh MR, Javaherzadeh M, [Shadmehr MB](#), Arab M, Daneshvar Kakhki A, Farzanegan R, Abbasidezfouli A. **Surgical Treatment of Complicated Pulmonary Hydatid Cysts** .Tanaffos 2007; 6 (1):19-22.
- 8- Abolghasem Daneshvar Kakhki, Majid Pooya, Saviz Pejhan, Mojtaba Javaherzadeh, Mehrdad Arab, [Shadmehr MB](#), Azizollah Abbasi. **Effect of Chest Tube Suction on Airleak Following Lung Resection**. Tanaffos 2006;5(1):37-43.
- 7- Javaherzadeh J, Baster J, Pejhan S, [Shadmehr MB](#), Arab M, Daneshvar Kakhki A, Pirmoazen N, Abbasi Dezfouli A. **Management of Delayed Diagnosed Esophageal Perforation**. Tanaffos 2006;5 (1):51-57 .
- 6- Arab M, Pejhan S, Farzanegan R, [Shadmehr MB](#), Javaherzadeh M, Daneshvar Kakhki A , Abbasi dezfouli A. **Systemic Primary Amyloidosis Presenting as Generalized Lymphadenopathy and Massive Pleural Effusion**. Tanaffos 2005;4(16): 69-71.
- 5- Abbasidezfouli A, Adhami SH, Farzanegan R, Karimi GR, Vali Zadeh M, [Shadmehr MB](#), Arab M , Javaherzadeh M, Pejhan S, Daneshvar Kakhaki A. **Suicide Attempts as the Cause of Post Intubation Airway Stenosis(PIAS)**.Tanaffos 2005;4(15): 11-17.
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- 3- Abbasidezfuli A, Javaherzadeh M, Daneshvar A, Arab M, [Shadmehr MB](#). **Surgical Treatment of Pulmonary Metastasis**. Tanaffos 2003; 2(6), 7-24.
- 2- Abbasidezfuli A, Arab M, [Shadmehr MB](#), Keshoofy M. **Resection and Anastomosis for Laryngotracheal Stenosis in Wegener's Granulomatosis: Case Report**. Tanaffos 2002; 1(4), 73-76.
- 1- Arab M, Mansoori D, Abbasidezfuli A, [Shadmehr MB](#), Afsari M. **Splenic Tuberculosis: A Case Report**. Acta Medica Iranica 2002; 40(1):26-28.

#### **National peer-reviewed publications in Farsi:**

- 31- 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

- 30- 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
- 29- 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
- 28- 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
- 27- 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
- 26- Dabir S, Parsa T, Hedayati AR, [Shadmehr MB](#), Saghebi SR, Radpey B. **Comarison of Interpleural Versus Intravenous Morphine for Pain Relief after Video-Assisted Thoracoscopic Surgery** J Mazand Uni Med Sci 2012; 22(Suppl 1):121-129
- 25- 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
- 24- Abbasidezfouli A, Arab A, [Shadmehr MB](#), 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
- 23- Arab M, [Shadmehr MB](#), Pejhan S, Daneshvar A, Farzanegan R, Jahanshahi N, Saghebi R, Javaherzadeh M, Abbasidezfouli A. **Comparison of Results of Resection and Anastomosis of Trachea in Cardiac Patients with other Patients at Masih Daneshvari Hospital during 1994-2008.** Iranian Journal of Surgery 2009;17(2): 19-25
- 22- Abbasidezfouli A, Ahmadi S.H, Javaherzadeh M, Heydari B, [Shadmehr MB](#), Arab M, Daneshvar Kakhaki A, Pejhan S. **Results of Lung Transplantation in Iran,** Iranian Journal of Surgery, 2008; 16(3): 11-17
- 21- Fakharian A, Jamaati HR, Tahbaz MO, Khalilzadeh S, Pourabdollah M, [Shadmehr MB](#).

**Clinical & Radiological Manifestations of Pulmonary Histiocytosis, Report of 20 Cases.**  
Scientific Journal of Hamedan University of Medical Sciences. 2008; 15(2): 66-69

20- 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

19- Arab M, [Shadmehr MB](#), 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

18- Arab M, Pejhan S, Farzanegan R, [Shadmehr MB](#), Javaherzadeh M, Daneshvar Kakhaki A, Abbasidezfouli A. **Results of Post-Intubation Tracheal Stenosis Treatment among the Elderly in Massih Daneshvari Hospital.** IRANIAN JOURNAL OF SURGERY 2007; 15 (2): 66-70

17- Abbasidezfouli A, [Shadmehr MB](#), Arab M, Daneshvar Kakhaki A, Pejhan S, Javaherzadeh M, Farzanegan R. **Destructive Consequences of fee Splitting and Kick Back Money.** IRANIAN JOURNAL OF SURGERY 2006; 14 (4): 109-116

16- Abbasidezfouli A, Javaherzadeh M, [Shadmehr MB](#), Arab M, Pejhan S, Daneshvar Kakhaki A, Farzanegan R, Jahanshahi N. **Result of Surgical Treatment for Lung Hydatid Cyst with " Cystectomy and Repair of Bronchial Openings "**. IRANIAN JOURNAL OF SURGERY 2006;14 (3): 22-30

15- Abbasidezfouli A, Valizadeh R, [Shadmehr MB](#), Arab M, Javaherzadeh M, Pejhan S, Daneshvar Kakhaki A, Farzanegan A, Jahanshahi N. **How Postintubation Tracheal Stenosis could be Prevented?** JOURNAL OF MEDICAL COUNCIL OF IRAN . 2006;24 (1): 39-47

14- Abbasi A, [Shadmehr MB](#), Arab M, Javaherzadeh M, Pejhan S, Daneshvar A, Farzanegan R, Hahanshahi N. **Treatment and Results in Multisegmental Postintubation Airway Stenosis.** Iranian Journal of Surgery 2006;14(4): 14-20

13- Arab M, [Shadmehr MB](#), Javaherzadeh M, Pejhan S, Daneshvar Kakhaki A, Abbasidezfouli A. **Mediastinal Lymph Node Dissection in NSCLC.** Iranian Journal of Surgery 2005;13(2):1-6

12- Abbasidezfouli A, Arab M, Daneshvar Kakhaki A, [Shadmehr MB](#), Javaherzadeh M, Pejhan S. **Drainage of Pleural cavity.** Iranian Journal of Surgery 2004;12 (33): 1-17

- 11- Abbasidezfuli A, Adhami Sh., Javaherzadeh M, Daneshvar A, Pejhan S, Arab M, [Shadmehr MB](#). **The role of surgery in treatment of lung cancer.** Journal of Kordestan University. 2003;31:59-68
- 10- Abbasidezfuli A, Jabarpour MH, [Shadmehr MB](#), Daneshvar A, Arab M, Javaherzadeh M, Pejhan S. **Introduction of a simple method to decrease the sound of air bubbling in a chest bottle connecting to suction.** Pejouhandeh 2003; 41(9): 257-260
- 9- Abbasidezfuli A, Keshoofy M, Javaherzadeh M, Daneshvar A, Arab M, [Shadmehr MB](#), Pejhan S. **Ligation of the Major Mediastinal Vessels, Safety and Complications.** Journal of the Iranian Association of Surgeons 2003;32:23-28
- 8- [Shadmehr MB](#), Arab M, Abbasidezfuli A, Keshoofy M, Amjadi MR, Farzanegan R, Jahanshahi N. **The role of Video-assisted Thoracoscopic Surgery (VATS) in 59 cases of pleural effusion with unknown etiology.** Journal of the Iranian Association of Surgeons 2002;25:15-21
- 7- Abbasidezfuli A, Radpay B, Dabir S, [Shadmehr MB](#), Arab M, Birashk G, Javaherzadeh M. Keshoofy M. **Emergency treatment in severe upper airway stenosis.** Pajouhandeh 2002; 28:93-8
- 6- Abbasidezfuli A, [Shadmehr MB](#), Keshoofy M, Arab M, Javaherzadeh M. **Evaluating the cause of postintubation airway stenosis in patients admitted in Thoracic surgery wards at Massieh Daneshvari and Moddarres Hospitals between the years 1373 and 1378.** Pajouhandeh 2001; 20:373-7
- 5- Arab M, Abbasidezfuli A, Mansoori D, [Shadmehr MB](#), Amjadi M. **Thoracic Actinomycosis: A case report.** Journal of Infectious Diseases and Tropical Medicine. 2001; 14:44-47
- 4- Abbasidezfuli A, [Shadmehr MB](#), Keshoofy M, Arab M, Jahanshahi N, Valizadeh R, Javaherzadeh M. **Surgical Treatment for Complicated Abdominal Tuberculosis.** Iranian Journal of Surgery 2001; 22(9):50-55
- 3- Abbasidezfouli A, Saidi F, [Shadmehr MB](#), Arab M, Amjadi MR, Pirmoazen N, Javaherzade M, Masjedi MR, Jabari HR. **Surgical treatment of postintubation airway stenosis.** Journal of the Medical Council of Iran 2000,18(3):185-91

2- Abbasidezfuli A, [Shadmehr MB](#), Arab M, Amjadi MR, Pirmoazen N, Birashk G, Radpay B, Nobahar MR. **Reoperation for Tracheal and Subglottic stenosis.** Journal of the Medical Council of Iran 2000; 17(4):284-90

1- 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

#### **BOOKS:**

1. Current Concepts in Treatment of Postintubation Tracheal Stenosis. 2015. Abbasidezfuli A, [Shadmehr MB](#), et al. Publisher: Zarvan, ISBN: 978-6005069-41-9
2. Chest Tubes and Principles of Pleural Drainage. 2005. Abbasidezfuli A, [Shadmehr MB](#), et al. Publisher: Nezhat, ISBN: 964-928149-5
3. History of thoracic surgery advancement in IRAN. 2004. Abbasidezfuli A, [Shadmehr MB](#), et al. Publisher: Academy of Medical Sciences, Islamic Republic of Iran, ISBN: 964-95098-60
4. Postintubation Airway Stenosis, The Principles of Diagnosis and Treatment. 2002. Abbasidezfuli A, [Shadmehr MB](#), et al. Publisher: publishing institute of Ministry of foreign affairs

#### **AWARDS:**

- 1- ESTS-FSCTS award for best clinical presentation. Idiopathic laryngotracheal stenosis, surgical or non-surgical treatment? 21st European Conference on General Thoracic Surgery, 2013: Birmingham, UK
- 2- Distinguished Associate Professor and Teacher of the year 2011, Shahid Beheshti University of Medical Sciences.
- 3- Travel Grant 2011. ESTS-DGT Annual Meeting. Thyroid cancers with laryngotracheal invasion, 19th European Conference on General Thoracic Surgery, 5-8 June 2011, Marseille-France.
- 4- Distinguished Assistant Professor and Teacher of the year 1997, Shahid Beheshti University of Medical Sciences.

5- The Project "Endothoracic endoesophageal pull through operation" was ranked the best Clinical Research Project at Shahid Beheshti University of Medical Sciences in 1990.

## RESEARCH PROJECTS:

45- Providing a national guideline for prevention of PITS

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: ongoing

44- Identification of in-depth pulmonary nodules by an electrical bio-impedance probe (an in-vivo study)

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Hamedan University of Technology

Status: ongoing

43- Design and optimization of a web-based application for screening of post-intubation tracheal stenosis

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Tehran University

Status: ongoing

42- Development of a Four-Electrode Bio-Impedance Sensor and Feasibility study of its usage for identification of in-depth pulmonary nodules (an in-vitro study)

Responsibility: **Principal investigator**

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

Status: finished 2018

41- Mechanical characterization and constitutive modeling of human trachea

Responsibility: **Principal investigator**

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

Status: finished 2017

40- Tracheal Transplantation with acellular tracheal allograft in animal model

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Pediatric Urology and Regenerative Medicine Research Center

Status: ongoing

39- Investigation of relationship between expressions of platelet derived growth factor (PDGF) and post intubation tracheal stenosis

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Arak Azad University

Status: finished 2018

38- Post intubation multisegmental tracheal stenosis

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: finished 2017

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: finished 2016

36- National Project of post-intubation tracheal stenosis, Incidence rate estimation, and risk factors assessment

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC) and 15 Medical universities in Iran

Status: finished 2016

35- Tracheal tissue engineering

Responsibility: **Principal investigator**

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

Status: finished 2016

34- The VATS approach to spontaneous pneumothorax

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Ongoing

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

Responsibility: **Principal investigator**

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

Status: finished 2016

32- microRNAs in lung cancers

Responsibility: **Principal investigator**

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

Status: finished 2017

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Pauster Institute of Iran

Status: finished 2016

30- Mechanical characteristics of the layers of arterial wall

Responsibility: **Principal investigator**

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

Status: finished 2016

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2015

28- Identification of new SOX2OT transcript variants and expression in human lung carcinoma

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Golestan University of Medical Sciences, Tarbiat Modares University

Status: Finished 2016

27- VATS approach to lung hydatid cyst

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

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

Responsibility: Co-investigator

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

25- Idiopathic subglottic stenosis.

Responsibility: Co-investigator

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

24- Chest wall tumors management results in patients at Massih Daneshvari Hospital

Responsibility: Co-investigator

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2013

22- Mechanical characteristics of tracheal rings.

Responsibility: **Principal investigator**

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

Status: Finished 2013

21- Tracheal scaffold design and fabrication.

Responsibility: **Principal investigator**

Organization: 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

Responsibility: **Principal investigator**

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

Status: Finished 2013

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC), Tofigh Daru

Status: finished 2012

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2012

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

Responsibility: Co-investigator

Organization: Tracheal Diseases Research Center (TDRC)

Status: finished 2012

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC),

Status: Finished 2012

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

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

Responsibility: **Principal investigator**

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

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

Responsibility: Co-investigator

Organization: Tracheal Diseases Research Center (TDRC)

Status: Finished 2010

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

Responsibility: Co-investigator

Organization: Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2005

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

Responsibility: Co-investigator

Organization: Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2005

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

Responsibility: Co-investigator

Organization: Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2005

8- Primary Tracheal Tumors

Responsibility: Co-investigator

Organization: Harvard University, Massachusetts General Hospital

Status: Finished 2003

7- Surgical management of Chest Wall Tumors, Long term results

Responsibility: Co-investigator

Organization: Harvard University, Massachusetts General Hospital

Status: Finished 2003

6- Thyroid Cancers invading the Airway, Long term results

Responsibility: Co-investigator

Organization: Harvard University, Massachusetts General Hospital

Status: Finished 2003

5- Mediastinal Dumbbell Tumors

Responsibility: Co-investigator

Organization: Harvard University, Massachusetts General Hospital

Status: Finished 2002

4- Prevention of Postintubation Tracheal and Subglottic Stenosis

Responsibility: Co-investigator

Organization: Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2000

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

Responsibility: **Principal Investigator**

Organization: Shahid Beheshti University of Medical Sciences, NRITLD

Status: Finished 2000

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

Responsibility: Co-investigator

Organization: Shahid Beheshti University of Medical Sciences, Modarres Hospital

Status: Finished 1992

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

Responsibility: Co-investigator

Organization: Shahid Beheshti University of Medical Sciences, Modarres Hospital

Status: Finished 1990

## **MEMBERSHIPS:**

|                                              |                |
|----------------------------------------------|----------------|
| Society of Thoracic Surgeons (STS)           | 2016 - Present |
| European Society of Thoracic Surgeons (ESTS) | 2010 - Present |
| Iranian Society of Thoracic Surgeons         | 1998 - Present |

