

## **Farahnaz Sadegh Beigee M.D.**

Masih Daneshvari Hospital- Shahid Beheshti University of Medical Sciences-Iran-Tehran  
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### **CURRENT POSITIONS**

- 2019-present Associated Professor of Thoracic Surgery, Masih Daneshvari Hospital (NRITLD), Shahid Beheshti University of Medical Sciences Tehran, Iran
- 2011- 2019 Assistant Professor, Thoracic, Masih Daneshvari Hospital (NRITLD), Shahid Beheshti University of Medical Sciences Tehran, Iran
- 2014- Present Head of Organ Procurement Unit, Masih Daneshvari Hospital (NRITLD), Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2011- Present Kidney- Pancreas Transplantation, in charge of pancreas transplantation: Shahid Dr. Labafinejad Hospital, Shahid Beheshti University Of Medical Sciences, Tehran, Iran
- 2004- Present Thoracic & General surgery, Shahid Dr. Labafinejad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2012- 2015 Head of Autopsy Ward, Masih Daneshvari Hospital (NRITLD), Shahid Beheshti University of Medical Sciences, Tehran, Iran

### **EDUCATION**

- 2001- 2004 Thoracic Surgery Fellowship: Masih Daneshvari Hospital (NRITLD) Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 1993-1999 General Surgery Residency: Shahid Modarres Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 1985-1992 Doctor of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran

## POSTGRADUATE TRAINING AND EXPERIENCE

- 2019 Lung transplant observship, AKH, Vienna, Austria. Supervisor: Dr. Klepetko and Dr. Taghavi
- 2018 Uniportal thoracoscopic pulmonary resection observship: Shanghai Pulmonary Hospital, Shanghai, China. Supervisor: Dr. Diego Gonzalez Rivas
- 2017 DCD organ donation course, Barcelona, Spain. Supervisor: Dr. Marti Manialikh
- 2013 Lung Transplant observship: Washington University in St. Louis, supervisor: Dr. Alec Patterson, St. Louis, USA
- 2011 Video-assisted thoracoscopic lobectomy observship: Berlin Chest Hospital, supervisor: Dr. Gunda Leschber, Berlin, Germany
- 2011 ESTS school, Antalya, Turkey

## THORACIC SURGERY PRACTICE AFTER GRADUATION (2004- PRESENT)

- Uniportal thoracoscopic pulmonary resection
- Tracheal resection (post intubation stenosis, idiopathic stenosis, airway tumors, trauma)
- Pneumonectomy
- Lobectomy
- Lung transplantation
- Segmentectomy
- Lung biopsy
- Pleural biopsy
- Diagnostic thoracoscopy
- Diaphragmatic hernia
- Minimally invasive surgery (spontaneous pneumothorax, empyema, diaphragmatic traumatic hernia, mediastinal mass, lobectomy)
- Mediastinal tumors and diseases
- Post cardiac surgery complications management and treatment
- Flap reconstruction of chest wall and pleural cavity defect
- Extrapleural pneumonectomy for meothelioma
- Congenital lung disease
- Bollus lung disease
- Rigid bronchoscopy (therapeutic, diagnostic)
- Pectus deformity
- Chest wall tumors
- Esophageal surgery
- Decortication (malignant disease, empyema, TB)
- Retrosternal goiter
- Open pericardial window

## **ACHIEVEMENTS**

- Established new animal lab at Masih Daneshvari Hospital (NRITLD), Shahid Beheshti University of Medical Sciences (2012)
- Leadership role for Organ Procurement Unit, Masih Daneshvari Hospital (NRITLD) Shahid Beheshti University of Medical Sciences (2014)
- Conduct eight workshops on surgery in the animal lab after initiation, Masih Daneshvari hospital (NRITLD), Shahid Beheshti University of Medical Sciences, (2014-present)
- Increased the donor pool for organ procurement by 50 percent after one year
- Established new strategies for organ donation card registration resulting in a 30 percent increase of organ donation registrants

## **RESEARCH EXPERIENCE**

- Evaluation of etiology of the delay in treatment of pleural empyema in our center, a prospective project. Project granted by Shahid Beheshti University of Medical Sciences (2015)
- Evaluation of the delay in appropriate treatment of lung cancer in patients referred to our center. Project granted by Shahid Beheshti University of Medical Sciences (2015)
- Prospective randomized comparison of one and two chest tube insertion after lobectomy. Project granted by Shahid Beheshti University of Medical Sciences (2015)
- Evaluation of differences in graft rejection pattern in heterotopic vascular allograft from two species of cows (Jersey and Holstein) to mice. Project granted by Shahid Beheshti University of Medical Sciences (2014)
- Organ transplantation basic sciences Field, Sickkids Hospital, University Of Toronto, supervisor: Dr. Lori West, Toronto, Canada, (2002-2003)
- Breast elastography, Sunnybrook Hospital, Supervisor: Dr. Plews and Dr. Samani, University of Toronto, Toronto, Canada, (2002-2003)
- Magnetic effect on growth of micro-organisms, Shahid Beheshti University of Medical Sciences, Tehran, Iran, (1986- 1990)

## **OTHER POSITIONS**

- 2017 Scientific Committee Member, 3<sup>rd</sup> International Transplantation Congress, Shiraz, Iran
- 2015 Scientific Secretary, 22<sup>th</sup> Iranian Surgeon Association Congress, Thoracic Surgery subspecialty
- 2015 Scientific committee member, 12<sup>th</sup> International Congress in Minimally Invasive Surgery, Shiraz, Iran
- 2006-2009 Member of pathology-autopsy committee; Shahid Dr. Labafinejad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2003-2004 Chief resident, thoracic surgery department, Masih Daneshvari Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 1999 Supervisor on Kehnooj Medical Council member's election
- 1997-1998 Chief resident, general surgery department, Shahid Modaress Hospital, Shahid Beheshti University, Tehran, Iran
- 1991-1992 Rheumatic fever screen project coordinator, Shahid Beheshti University Medical Sciences, Tehran, Iran

## PUBLICATIONS

1. **Farahnaz Sadegh Beigee**, Mojtaba Mohsenzadeh, Shagin Shahryari, Meysam Mojtabae, Mojtabae, Masoud Mazaheri. Consequences of More Coordinator Engagement to Take Consent for Organ Donation. *Experimental and Clinical Transplantation. 2019*
2. Meysam Mojtabae, Shagin Shahryari, **Farahnaz Sadegh Beigee**. Reasons for Donor Lungs Unsuitability After Radiographic Selection. *Experimental and Clinical Transplantation. 2019*
3. Masoud Mazaheri, Meysam Mojtabae, Mojtabae Mohsenzadeh, **Farahnaz Sadegh Beigee**. Reasons for Donor Failed Organ Donations after Transfer to an Organ Procurement Unit. *Experimental and Clinical Transplantation. 2019*
4. **Farahnaz Sadegbeigee**, Fariba Ghorbani, Shagin Shahryari, Meysam Mojtabee. Demographic Differences between Two 7-Year Periods of Organ Donation in Iran: a single center experience. *Experimental and Clinical Transplantation. 2019*
5. Masoud Mazaheri, Meysam Mojtabae, Mojtaba Mohsenzadeh, Shagin Shahryari, **Farahnaz Sadegh Beigee**. Liver Donation from Marginal Donors: To Donate or Not to Donate? *Experimental and Clinical Transplantation. 2019*

6. Role of Methylprednisolone in the Management of Hemodynamically Unstable Brain-Dead Cases. **Farahnaz Sadegh Beigee**, Elnaz Nazifi Daryani, Shagin Shahryari, Meysam Mojtabae. *Experimental and Clinical Transplantation*. 2019

7. Masoud Mazaheri, Meysam Mojtabae, Fariba Ghorbani, **Farahnaz Sadegbeigee**. Virology Tests in Brain-Dead Donors: Let the Bills Run Up? *Experimental and Clinical Transplantation*. 2019

8. Masoud Mazaheri, **Farahnaz Sadegh Beigee**. Difficult Consent Scale: An Assessment Scale for Anticipated Difficulty in Obtaining Consent for Organ Donation. *Experimental and Clinical Transplantation*. Mar 20, 2017:57-59.

9. **Farahnaz Sadegh Beigee**, Mojtaba Mohsenzadeh, Shagin Shahryari, Meysam Mojtabae. Role of More Active Identification of Brain-Dead Cases in Increasing Organ Donation. *Experimental and Clinical Transplantation*. Mar 20, 2017:60-62.

10. **Farahnaz Sadegh Beigee**, Shagin Shahryari, Meysam Mojtabae, Mihan Pourabdollah Toutkaboni. Pathology Results at Autopsy in Brain-Dead Patients with Brain Tumors. *Experimental and Clinical Transplantation*. Mar 20, 2017:113-115.

11. Meysam Mojtabae, Alireza Shamsaeefar, Siavash Gholami, Mojtaba Mohsenzadeh, **Farahnaz Sadegh Beigee**. Impact of a Full-Time Donor Management Protocol on Donors' Liver Biopsy Findings: Progress to Date. *Experimental and Clinical Transplantation*. Mar20,2017:269272.

12. Meysam Mojtabae, **Farahnaz Sadegh Beigee**, Fariba Ghorbani. Decease Organ Donation from Pediatric Donors: Does the Literature Really Help Us? (Implication for More Powerful Guidelines). *Transplantation Proceedings*. In Press. Corresponding Author

13. Shadmehr MB, Abbasidezfouli A, Farzanegan R, Pejhan S, Daneshvar Kakhaki A, Sheikhy K, Saghebi S, **Sadeghbeigee F**, Gharedaghi A, Jahanshah N, Zangi M. The Role of Systemic Steroids in Postintubation Tracheal Stenosis: A Randomized Clinical Trial. *Ann Thorac Surg* 2016, 103 (1), 246-253.

14. Daneshvar Kakhaki A., Saghebi SR., **Sadegh Beigee F**. Treatment of Esophageal Perforation with Primary Closure and Reinforcement with TachoSil. *Tanaffos Journal*.2016.

15. [Farsad S.M.](#), [Sheikhy K.](#), [Pejhan S.](#), [Daneshvar Kakhki A.](#), **Sadegh Beigee F.**, Saghebi S.R., [Abbasi A.](#) Results Of Treatment Of Ten Cases Of Trachea And Larynx Disruption Due To Trauma At Masih Daneshvari Hospital. [Iranian Journal Of Surgery, Summer 2013, Volume 21, Number 2](#): 13-19.

16. [Sheikhy K.](#), [Daneshvar Kakhki A.](#), **Sadegh Beigee F.**, [Shadmehr M.B.](#), [Saghebi S.R.](#), [Abbasidezfouli A.](#) A Case Report Of Lung Re-Transplantation. [Iranian Journal Of Surgery. SPRING 2014, Volume 22, Number 1](#): 80-84.

17. **Sadegh Beigee F.**, Pojhan S., Daneshvar Kakhaki A., Sheikhy K., Saghebi SR., Shadmehr MB., Abbasidezfouli A. Results Of Laryngotracheal Resection And Anastomosis With Posterior Cricoidotomy In Thirty-One Patients. Interactive Cardiovascular and Thoracic Surgery. 2014. Abstract 209.
18. Mehrabi Sisakht S., Shadmehr MB., Daneshvar Kakhaki A., Saghebi SR., **Sadegh Beigee F.**, Abbasidezfouli A., Spontaneous Drainage and the Recovery of Pulmonary Hydatid Cyst without Surgery. Iranian Journal of Surgery. 2014, 4(21).
19. Abbasidezfouli A., Shadmehr MB., Pojhan S., Daneshvar Kakhaki A., Saghebi SR., Sheikhy K., **Sadegh Beigee F.** Pulmonary Hydatid Cyst: A Review Article. Iranian Journal of Surgery. 2014, 4(23): 8-10.
20. Mehrabi Sisakht S., Abbasidezfouli A., Shadmehr MB., Pojhan S., Daneshvar Kakhaki A., Saghebi SR., Sheikhy K., **Sadegh Beigee F.** One-Stage Bilateral Thoracotomy for Pulmonary Hydatid Cysts in a Ten Years Old Girl. Iranian Journal of Surgery. 2013, 3(21): 74-75.
21. Sheikhy K., Abbasi Dezfouli A., **Sadegh Beigee F.** Reconstruction of Chest Wall by Cryopreserved Sternal Allograft after Resection of Aneurysmal Bone Cyst of Sternum. Case Report in Surgery. 2017
22. **Sadegh Beigee F.**, [Shadmehr MB.](#), [Pejhan S.](#), [Daneshvar A.](#), [Saghebi SR.](#), [Sheikhy K.](#), [Farzanegan R.](#), [Abbasidezfouli A.](#) Idiopathic Laryngotracheal Stenosis: Surgical Or Non-Surgical Treatment? Interactive Cardiovascular and Thoracic Surgery. 2013: Vol13 issue- suppl\_1
23. Meysam Mojtabae, **Farahnaz Sadegh Beigee.** Impact of transfer process on PaO<sub>2</sub>/FiO<sub>2</sub> ratio in brain dead potential donors and effect of recruitment maneuver on its reversal: A controlled clinical trial. Indian Journal of Transplantation. 2015, 9:47-60 Abstract No.ISOT2015-7.
24. Hadi Taghizadeh GJ, Mohammad Tafazzoli-Shadpour, Nasser Fatourae, Mohammad B. Shadmehr And **Farahnaz Sadegh Beigee.** Evaluation Of Biaxial Mechanical Properties Of Medial Lamellae Of Aortic Wall Using Multiscale Modeling. 11th World Congress on Computational Mechanics (WCCM XI) 5th European Conference on Computational Mechanics (ECCM V) 6th European Conference on Computational Fluid Dynamics (ECFD VI) E. Oñate, J. Oliver and A. Huerta.
25. [Azizollah Abbasidezfouli](#), [Damooun Ansari](#), [Kambiz Sheikhy](#), [Mohammad Abarkar](#), [Farahnaz Sadeghbeigi](#), [Sepehr Abbasidezfouli](#), [Davood Sharifi](#). Experimental Replacement Of Esophagus With A Short Segment Of Trachea. Journal of Surgical Research. Mar 2016,201(1): 94-98.
26. Effects of magnetic field on bacteria growth; **Sadegh beigee F.**, Hemati Y., Moridpoor M., Shahid Beheshti University of Medical Sciences, 1993, Tehran, Iran, Medicine Doctor Thesis.
27. Pneumonectomy; **Sadegh Beigi F.**, Abassi A., National Research Institute of Tuberculosis and Lung Disease, Shahid Beheshti University of Medical Sciences, 1999, Tehran, Iran, General Surgery Specialty Thesis.
28. Site of heterotopic tracheal transplantation in murine model of lung transplantation affects graft rejection pattern. **Sadegh Beygi F.**, West LJ. Journal of Heart and lung transplantation, 2003, 1S, (22). Abstract.

## PRESENTATIONS

1. How we could increase 50 % in donor pool during one year? ESOT, 26<sup>th</sup> EDTCO, Barcelona, Spain, 2016. Oral
2. The role of more proactive engagement in detecting the brain-dead cases in organ donation pool in Iran: "comparing two periods". MESOT, Jordan, 2016. Oral
3. The pathology results of brain autopsy in the brain-dead cases with brain tumors. MESOT, Jordan, 2016. Oral
4. The reasons of unsuitable lung for donation in our center. MESOT, Jordan, 2016. Oral
5. Results of laryngotracheal resection and anastomosis with posterior cricoidotomy in 31 patients, 28<sup>th</sup> European Association for Cardio- Thoracic Surgeons(EACTS) Conference, Milan, Italy, 2014, Oral
6. Result of laryngotracheal resection and anastomosis in 31 patients. Canadian Surgery Forum, Vancouver, Canada, 2014
7. Idiopathic Laryngotracheal Stenosis: Surgical or Non-surgical Treatment?: 21<sup>th</sup> European Conference on General Thoracic Surgery (ESTS): Birmingham, UK, 2013, Oral
8. History of organ donation in Iran, invited lecture, Iranian Heart Association International Congress, Tehran, Iran, 2013, Oral
9. One stage treatment of post cardiac surgery deep sternal infection in 52 cases, 1<sup>st</sup> International Cardiac Surgery Congress, Mazandaran, Iran, 2013, Oral
10. Case Presentation: A 20 years old male with fever and posterior mediastinal mass, Iranian Association of Thoracic Surgeon Congress, Tehran, Iran, 2011, Oral
11. One stage post cardiac surgery sternum infection surgical repair, Iranian Association of Surgeons Congress, Tehran, Iran, 2010, Oral
12. Pneumocath for drainage of pleural effusion, Iranian Association of Surgeons Congress, Tehran, Iran, 2009, Oral
13. Post cardiac surgery sternum complications, surgical treatment by pectoralis muscle flap, Iranian Association of Surgeons Congress, Tehran, Iran, 2009, Oral
14. Thoracoscopy in pleural effusion, Iranian Association of Surgeons Congress, Tehran, Iran, 2008, Oral
15. Site of hetrotopic tracheal transplantation affects graft rejection pattern, MESOT, Shiraz, Iran, 2008, Oral
16. Case report: A woman with spontaneous pneumothorax and a knee mass, Iranian Association of Surgeons Congress, Tehran, Iran, 2004, Oral
17. Tracheostomy, Tracheostomy workshop, Shahid Labafinejad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2006, Oral
18. Report of 45 chest trauma cases of Shahid Modaress Hospital, Iranian Association of Thoracic Surgeons Congress, Tehran, Iran, 2004, Oral

19. Malignant pleural effusion, Iranian Association of Surgeons Congress, Tehran, Iran, 2004, Oral
20. Site of heterotopic tracheal transplantation affects graft rejection pattern, Canadian Society of Transplantation, Alberta, Canada, 2003, Poster
21. Site of heterotopic tracheal transplantation affects graft rejection pattern, The International Society for Heart and Lung Transplantation, 22<sup>nd</sup> annual Meeting and Scientific Sessions, Vienna, Austria, 2003, Poster

#### **AWARDS**

- ESTS-FSCTS award for best clinical presentation, 21<sup>th</sup> European Conference on General Thoracic Surgery: 2013: Birmingham, UK
- Ahvaz University Prize for cooperation in screen study for rheumatic heart disease in Dezfool, 1991
- Shahid Beheshti University Prize for excellent efforts in detection of valvular heart disease in Country 1992
- Ahvaz University Prize for the best hard working in screen study for rheumatic disease in Dezfool, 1991

#### **CERTIFICATION**

- DCD workshop, ESOT, EDTCO 26<sup>th</sup> congress, Barcelona, Spain, 2016
- VATS lobectomy observship: Berlin Chest Hospital, Berlin, Germany, 2012
- ESTS school of thoracic surgery, Antalya, Turkey, 2011
- Percutaneous Tracheostomy workshop, Shahid Beheshti University, 2006
- Scientific Article writing methodology, Atieh Hospital, Tehran, 2006
- Research Methodology workshop, Shahid Beheshti University, 1992
- Prescription Methodology workshop, Kerman University, 2001
- Certification for designing a new model of draining catheter 199

#### **MEMBERSHIP**

- Iranian Association of Surgeons
- European Society of Thoracic Surgeons



- Iranian Society of Thoracic Surgeon
- Tracheal Diseases Research Center, Shahid Beheshti University of Medical Sciences
- Lung Transplantation Research Center, Shahid Beheshti University of Medical Sciences
- European Society of Transplantation
- Volunteer member of United Nation

#### **PATENT**

Cuffed Nelaton, Iran, 2000

#### **ACTIVITIES**

- Ninety seven exhibitions in Universities, trade centers and Red Crescent for courage in organ donation after brain death
- Fourteen radio programs for education about brain death and organ donation
- Ceremonies for organ donors families to acknowledge their help
- Web Site establishment for organ donation and registration

#### **REFERENCES**

- Dr. Azizollah Abbasi Dezfouli, Chief, Department of Thoracic Surgery, Shahid Beheshti University of Medical Sciences. email: [azizollahabbasid@yahoo.com](mailto:azizollahabbasid@yahoo.com)
- Dr. Mohammad Behgam Shademehr, Professor of Thoracic Surgery, Tracheal Diseases Research Center, Shahid Beheshti University of Medical Sciences. email: [mbshadmehr@yahoo.com](mailto:mbshadmehr@yahoo.com)
- Dr. Javad Bastar, President of Iranian Society of Thoracic Surgeons. email: [javad\\_bastar@yahoo.com](mailto:javad_bastar@yahoo.com)

