

September 5, 2017

**CURRICULUM VITAE
FARZANEH BANKI M.D.**

PERSONAL INFORMATION

Name Farzaneh Banki, M. D.

Present Title Professor of Surgery

Business Address McGovern Medical School at UT Health
Department of Surgery
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Houston, Texas 77089

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Languages English, French, Spanish, Farsi

Undergraduate Education B.Sc in Chemistry, 1989-1992
University of Montreal

Graduate Education M.D., 1991-1996
University of Montreal, Quebec, Canada

Postgraduate Training

Residency General Surgery, 1996-2003
University of Southern California, Los Angeles

Fellowship Thoracic Foregut Surgery, 2003-2004
University of Southern California, Los Angeles

Cardiothoracic Surgery, 2005-2007
University of Washington, Seattle

Academic & Administrative Appointments

Clinical Instructor, The University of Southern California School of Medicine, Department of Surgery, 07/2003-07/2005

Assistant Professor of Surgery, The University of Southern California 07/2007-06/30/2009

Associate Director of Residency Program at The University of Southern California 07/2007-06/30/2009

Assistant Professor of Cardiothoracic Surgery, The University of Texas Medical School at Houston: 07/2009-08/31/2012

Associate Professor of Cardiothoracic Surgery, The University of Texas Medical School at Houston: 09/2012-10/2016

Associate Professor of Surgery, The University of Texas Medical School at Houston: 11/2016-08/2017

Professor of Surgery, The University of Texas Medical School at Houston: 09/2017

Licensure

Canadian Medical License, 1997

California Medical License, 1999

Washington Medical License, 2005

Texas Medical License, 2009, License #N3473

Certification

Board Certified in General Surgery
March 2004/2014

Board Certified in Cardiothoracic Surgery
June 2008

Professional Organizations

Society of Thoracic Surgeons, 2005-Present

Western Thoracic Surgical Association, 2010-Present

American Medical Association, 2010-Present

Western Surgical Association, 2017-Present

Honors and Awards

The Most Outstanding Resident Award: 2003
The University of Southern California

CJ Berne Teaching Award: 2009
The University of Southern California

Physician of the Quarter: 2011
Memorial Hermann Southeast Hospital

Excellence in Teaching: 2016
The University of Texas McGovern Medical School
Department of Cardiothoracic and Vascular Surgery

Dean's Excellence in Teaching: 2017
The University of Texas McGovern Medical School
Department of Surgery

Service on The University of Texas Medical School at Houston Committees

1. Member of the Board of The University of Texas Physicians at the Texas Medical Center. 07/2010-2014
2. Co-Chair of Allscripts Committee for The University of Texas Physicians at the Texas Medical Center. 01/2011-12/2011.

Service on The University of Texas Medical School at Houston Affiliated Hospitals

1. Developing the Esophageal Disease Center at Memorial Hermann Southeast Hospital. 2009-Present
2. Designing and creating the website for the Esophageal Disease Center at Memorial Hermann Southeast Hospital. 2010-2011.

3. Developing a thoracic surgery team with nurses, operating room staff, radiologists, nutritionists, physical therapists, and respiratory therapists with focus on patient satisfaction and outcome at Memorial Hermann Southeast Hospital. 2010-2011.
4. Quality Officer for Cardiothoracic & Vascular Surgery at Memorial Hermann Southeast. 03/2011-03/2014
5. Member of the Cardiovascular & Thoracic Surgery Subcommittee at Memorial Hermann Hospital. 01/2011-2014
6. Member of the Operating Room Committee at Memorial Hermann Southeast Hospital. 01/2011-01/2014
7. Director of the Esophageal Disease Center at Memorial Hermann Southeast Hospital. 02/2011-Present
8. Site Director at MHSE for UT General Surgery Program 07/2015-06/2017
9. Site Director at MHSE for MD Anderson-UT Cardiothoracic Fellowship 07/2015-Present

Teaching Responsibilities/Activities

1. Associate Program Director for General Surgery at The University of Southern California, in charge of General Surgery Resident's education from 07/2007-06/2009.
 - a. Weekly teaching session for in-training exam for (30) General Surgery Interns and Residents.
 - b. Weekly board review sessions for (6) General Surgery Chief Residents in preparation for the oral and written boards.
2. Site Director at MHSE for UT General Surgery Program 07/2015-06/2017
3. Site Director at Memorial Southeast Hospital for the MD Anderson cardiothoracic fellows and the University of Texas general surgery residents 07/2015 -present
4. Thoracic Surgery Diseases and Surgical Treatment. Weekly teaching sessions to (20) Cardiothoracic and Vascular Surgery Medical Students at The Heart and Vascular Institute at Memorial Hermann Southeast Hospital. 07/2009-10/2010.
5. Weekly board review sessions for (5) Cardiothoracic and Vascular Surgery Fellows in preparation for the oral and written boards. 07/2009-07/2011.

6. Non Cardiac Chest Pain. One hour lecture to (20) Third Year Medical Students at The University of Texas Medical School at Houston. 08/2010.
7. Chest Physiology and Chest Tube Management. Two teaching sessions for one hour to (15) ICU Nurses at Memorial Hermann Southeast Hospital. 01/2011.
8. Endoscopic Anatomy of the Gastroesophageal Junction, Biopsy Protocol and Barrett's Esophagus. One teaching session for one hour to (12) Endoscopy Nurses at Memorial Hermann Southeast Hospital. 04/2011.
9. Esophagectomy and Post Esophagectomy Care. One teaching session for one hour to (15) Thoracic Team Nurses at Memorial Hermann Southeast Hospital. 8/2011.
10. Lobectomy and Post Lobectomy Care. One teaching session for one hour to (15) Thoracic Team Nurses at Memorial Hermann Southeast Hospital. 8/2011.
11. Educational Seminar to Patients with Gastroesophageal Reflux Disease. Mix and mingle event for affiliated physicians and former patients at Memorial Hermann Southeast Hospital. 8/2011.
12. Chest Physiology and Chest Tube Management. One teaching session for one hour to (15) 3A Nurses at Memorial Hermann Southeast Hospital. 12/2011.
13. Post Esophagectomy and Post Pulmonary Resection Patient Care. One teaching session for one hour to (12) Thoracic Team Nurses at Memorial Hermann Southeast Hospital. 04/2012 and 07/2012.
14. Gastroesophageal Reflux Disease Diagnosis and Surgical Treatment. One teaching session for one hour to (12) Thoracic Team Nurses at Memorial Hermann Southeast Hospital. 08/2012 and 09/2012.
15. Chest X-ray in Patients with Thoracic Disease. One teaching session for one hour to (12) Thoracic Team Nurses at Memorial Hermann Southeast Hospital. 10/2012 and 11/2012.
16. Gastroesophageal Reflux Disease Diagnosis and Surgical Treatment. One teaching session for one hour to Medical Students at The University of Texas Medical School. 10/2012, 02/2013, 03/2013, 05/2013, 08/2013, 09/2013, 11/2013 and 02/2014, 04/2014, 06/2014.
17. Chest X-ray Reading in Surgical Patients. One teaching session for one hour to Medical Students at The University of Texas Medical School. 11/2012, 03/2013, 05/2013, 07/2013, 08/2013, 10/2013, 01/2014, 03/2014, 05/2014.

18. Gastroesophageal Reflux Disease & Surgical Treatment. One teaching session for one hour to Medical Students and General Surgery Residents at St. Joseph Medical Center. 05/2014, 11/2014, 05/2015
19. Post-operative Care of Thoracic Patients. Teaching session of one hour , two sessions to Thoracic Nurses at Memorial Hermann Southeast, 05/2015 and 05/2016
20. Boerhaave's Esophageal Perforation, Diagnosis and Treatment. Seminar to Emergency room physicians, for one hour. 06/2016
21. Boerhaave's Esophageal Perforation, Diagnosis and Treatment. Seminar to Emergency room nurses, for one hour. 07/2016

Research Activities

1. Thoracic and Foregut Surgery, esophageal motility lab at The University of Southern California. 2000-2001.
2. Thoracic and Foregut genetic research in "Response Genetics Inc" at The University of Southern California. Research project: Role of plasma DNA as a Tumor Marker in Esophageal Cancer. 2004-2005.
3. Research Projects:
 - a. Plasma DNA Level in the Blood of Patients with Thoracic Malignancies; principle investigator. 07/2010.
 - b. Pneumomediastinum in a Civilian Population in Houston; principle investigator. 07/2010.
 - c. Management Strategies of Esophageal Perforation; co-investigator. 07/2010.
 - d. Serological Markers of Inflammation in Aortic Disease; co-investigator. 01/2010-present.
 - e. A Surgical Team with Focus on Staff Education in a Community Hospital Improves Outcomes, Costs and Patient Satisfaction; principle investigator. 01/2014.
 - f. Elevation of Liver Enzymes Following Antireflux Surgery: Etiology and Clinical Guidance for Management; principle investigator. 11/2012.
 - g. Plasma DNA and Diagnosis of Organ Malperfusion in Patients with Aortic Disease; principle investigator. 10/2012-present.
 - h. New Chapter in Treatment of Gastroesophageal Reflux Disease and Hiatal Hernia: Is Collis Gastroplasty a Procedure of the Past?; principle investigator. 11/2014.

- i. Esophageal stent placement in treatment of benign and malignant gastroesophageal disease; principle investigator. 01/2016.
- j. Laparoscopic Heller Myotomy; one simple intervention for treatment of all stages of achalasia; principle investigator. 01/2017.
- k. Large Hiatal Hernia; safe and effective repair by laparoscopic approach without the need for esophageal lengthening and with rare symptomatic recurrence; principle investigator. 01/2017.
- l. Laparoscopic redo hiatal hernia repair, a safe procedure with high patient satisfaction and low morbidity; principle investigator. 03/2017.
- m. Type IV hiatal hernia: clinical management, laparoscopic repair with Toupet fundoplication and outcomes; principle investigator. 01/2017.
- n. Acell mesh vs. Vicryl mesh for crural closure and reinforcement in patients with large hiatal hernia; principle investigator. 07/2017.

Publications

A. Abstracts (* Presented)

1. **Farzaneh Banki**, Steven R. DeMeester, Rodney J. Mason, Guilherme Campos, Christopher G. Streets, Nagammapur S. Balaji, Peter I. Tsai, Duff M. Bruce, Jeffrey H. Peters, Jeffery A. Hagen, Cedric G. Bremner, Lelan F. Sillin, Reginald V .N. Lord, Tom R. DeMeester. *Barrett's esophagus in women: A manifestation of severe gastroesophageal reflux disease*. Gastroenterology 2001, 120(5) A 410.
2. Peter I. Tsai, Kumari Wickramasinghe, Yanling Ma, Cedric G. Bremner, Parakrama Chandrasoma, Peter F. Crookes, Nagammapur S. Balaji, Christopher G. Streets, Jeffrey H. Peters, Steven R. DeMeester, Jeffrey A. Hagen, Tom R. DeMeester, Rodney J. Mason, **Farzaneh Banki**, Shahjehan Wajed, Duff Bruce. *Barrett's mucosal thickness: A consideration during ablation*. Gastroenterology 2001, 120(5) A410.
3. Nagammapur S. Balaji, Denis Blom, Rodney J. Mason, Christopher G. Streets, **Farzaneh Banki**, Peter I. Tsai, Duff M. Bruce, Jeffrey A. Hagen, Peter F. Crookes, Cedric G. Bremner, Lelan F. Sillin, Steven R. DeMeester, Tom R. DeMeester, Jeffrey H. Peters. *Simultaneous manometry, fluorography and impedance studies of the pharynx – New insights in bolus transport*. Gastroenterology 2001, 120(5) A221.
4. Nagammapur S. Balaji, Shahjehan A. Wajed, Cedric G. Bremner, Christopher G. Streets, Peter I. Tsai, **Farzaneh Banki**, Duff M. Bruce, Steven R. DeMeester, Jeffrey A. Hagen, Peter F. Crookes, Lelan F. Sillin, Rodney J. Mason, Jeffrey H.

- Peters, Tom R. DeMeester, *The significance of plateau pressure in a hiatal hernia noted on esophageal manometry*. Gastroenterology 2001, 120(5) A 429.
5. Christopher G. Streets, Marizu Madu, Cedric G. Bremner, Nagammapudur S. Balaji, **Farzaneh Banki**, Rodney J. Mason, Peter F. Crookes, Jeffrey A. Hagen, Steven R. DeMeester, Jeffrey H. Peters, Lelan F. Sillin, Tom R. DeMeester. *Vigorous achalasia is not simply an early manifestation of the disease*. Gastroenterology 2001, 120(5) A 248.
 6. Christopher G. Streets, Jeffrey H. Peters, Duff M Bruce, Peter I Tsai, Nagammapudur S. Balaji, **Farzaneh Banki**, Peter F. Crookes, Cedric G. Bremner, Jeffrey A. Hagen, Steven R. DeMeester, Lelan F. Sillin, Tom R. DeMeester. *The Internet- A Useful Communication Tool but No Replacement for the Doctor –Patient relationship*. Gastroenterology April 2001, 120(5) A 735.
 7. Duff M. Bruce, Cedric G. Bremner, James E. Huprich, Christopher G. Streets, **Farzaneh Banki**, Nagammapudur S. Balaji, Peter F. Crookes, Jeffrey A. Hagen, Michael A. Kline, Rodney J. Mason, Jeffrey H. Peters, Tom R. DeMeester. *Clinical and manometric features of the hypoplastic esophagus*. Gastroenterology 2001, 120(5) A 244.
 8. Rodney J. Mason, Tom Demeester, **Farzaneh Banki**, Jeffrey A. Hagen, Huang Hua, Jeffrey H. Peters, Steven Demeester. *Postprandial gastroesophageal reflux after a standardized meal: A sensitive measurement for early reflux disease*. Gastrointestinal Endoscopy 2002, 55 (5) AB258.*
 9. **Banki F**, Steven R. DeMeester, Jeffrey A Hagen, Jeffrey H Peters and Tom DeMeester. *A gastric pullup has similar function but more cervical esophageal Injury than a colon interposition after esophagectomy*. The Society for Surgery of the Alimentary Tract, 2002.*
 10. Oezcelik A, Hagen JA, Halls JM, Leers JM, Abate E, Ayazi S, Lipham JC, **Banki F**, DeMeester SR, DeMeester TR: *An Improved Method of Assessing Esophageal Emptying Using the Timed Barium Study Following Surgical Myotomy for Achalasia*. Gastroenterology 134(4) Suppl 1:A-850 - A-851, 2008.
 11. Leers JM, DeMeester SR, Tan AZ, Oezcelik A, Ayazi S, Abate E, **Banki F**, Lipham JC, Hagen JA, DeMeester TR. *Relation of Goblet Cell Density and Early Esophageal Adenocarcinoma Within Long Segment's Barrett's Esophagus*. Gastroenterology 134(4)Suppl 1:A-380, 2008.
 12. Leers JM, Hagen JA, Ayzai S, Oezcelik A, Abate E, **Banki F**, Lipham JC, DeMeester SR, DeMeester TR. *The Value of Endoscopic Ultrasound to Distinguish the Number of Lymph Node Metastases in Patients with Esophageal Adenocarcinoma*. Gastroenterology 134(4) Suppl 1:A-884, 2008.

13. Ayazi S, Hagen JA, Hindoyan AH, Leers JM, Oezcelik A, Abate E, **Banki F**, DeMeester SR, Lipham JC, DeMeester TR. *Dual Probe pH Monitoring: Improved Definition of Normal Proximal Acid Exposure*. Gastroenterology 134(4) Suppl 1:A-598, 2008.
14. Ayazi S, Lipham JC, Hagen JA, Tang A, Leers JM, Oezcelik A, Abate E, DeMeester SR, **Banki F**, DeMeester TR. *Measurement of Pharyngeal pH: A New Technology and Normal Values*. Gastroenterology 134(4) Suppl 1:A-599, 2008.
15. Abate E, **Banki F**, Flanagan P, Ayazi S, Zehetner J, Chen W, Hagen JA, DeMeester SR, Lipham J, DeMeester TR. *Mucosal Stripping Vagal Sparing Esophagectomy for End Stage Achalasia*. Gastroenterology 136(5) Suppl 1:A-929, May 2009.
16. Ayazi S, Hagen JA, , Zehetner J, Abate E, Malek E, Chen W, Halls J, Mogel G, Lipham J, **Banki F**, DeMeester SR, DeMeester TR. *Schatzki's Ring and GERD: Association Between Esophageal Acid Exposure and Imaging Findings*. Gastroenterology 136(5) Suppl 1:A-428, May 2009.
17. Abate E, Lipham J, Ayazi S, Oezcelik A, Zehetner J, Chen W, Costales J, DeMeester SR, Hagen JA, **Banki F**, DeMeester TR. *Diet Restriction Reduces Day-to Day variability in Acid Reflux Patterns Using the Bravo pH monitoring System*. Gastroenterology 136(5) Suppl 1: A-928, May 2009.
18. Zehetner J, DeMeester SR, Ayazi S, Oezcelik A, Abate E, Chen W, **Banki F**, Lipham, Hagen JA, DeMeester TR. *Endoscopic Therapy for Benign and Malignant Esophageal Lesions*. Gastroenterology 136(5) Suppl 1:A-913, May 2009.
19. Oezcelik A, DeMeester SR, Ayazi S, Abate E, Zehetner J, Chen W, Hindoyan K, , Hagen JA, **Banki F**, Lipham JC, DeMeester TR. *Stapled Pyloroplasty: A Fast and Safe Technique*. Gastroenterology 136(5) Suppl 1: A-928-A-929, May 2009.
20. **Banki F**, Roife D, Kaushik C, Chawla M, Cassimir R, Miller C. *Laparoscopic Redo Hiatal Hernia Repair, a Safe Procedure with High Patient Satisfaction and Low Morbidity*. Southwestern Surgical Congress. March 2016.
21. **Banki F**, Kaushik C, Roife D, Chawla M, Miller C. *Large Hiatal Hernia; Safe and Effective Repair by Laparoscopic Approach Without the Need for Esophageal Lengthening and with Rare Symptomatic Recurrence*. Western Thoracic Surgical Association. June 2016.
1. Santamaria-Barria J, Chandni K, Roife D, Miller C, **Banki F**. *Crural Closure Reinforcement with Biologic Porcine Mesh Results in Fewer Radiographic Recurrence and Higher Patient Satisfaction Compared to Synthetic Mesh, in the*

Short-term, Following Laparoscopic Repair of Large Hiatal Hernias. To be presented in Western Surgical 125th Association Annual Meeting, Scottsdale, Arizona, 11/2017.

Publications

B. Original Articles in Journals

1. Hofstetter WL. Peters JH. DeMeester TR. Hagen JA. DeMeester SR. Crookes PF. Tsai P. **Banki F.** Bremner CG. *Long-term outcome of antireflux surgery in patients with Barrett's esophagus.* Annals of Surgery. 2001 Oct; 234(4):532-8.
2. **Banki F.** Mason RJ. Hagen JA. Bremner CG. Streets CG. Peters JH. DeMeester TR. *The crura and crura-sphincter pressure dynamics in patients with isolated upright and isolated supine reflux.* American Surgeon. 2001 Dec; 67(12):1150-6.
3. Balaji NS. Crookes PF. **Banki F.** Hagen JA. Ardill JE. DeMeester TR. *A safe and noninvasive test for vagal integrity revisited.* Archives of Surgery. 2002 Aug; 137(8):954-8; discussion 958-9.
4. **Banki F.** Mason RJ. DeMeester SR. Hagen JA. Balaji NS. Crookes PF. Bremner CG. Peters JH. DeMeester TR. *Vagal-sparing esophagectomy: a more physiologic alternative.* Annals of Surgery. 2002 Sept ; 236(3):324-35.
5. **Banki F,** DeMeester SR, Mason RJ, Campos G, Hagen JA, Peters JH, Bremner CG, DeMeester, TR. *Barrett's esophagus in females : a comparative analysis of risk factors in females and males:* Am J Gastroenterol. 2005 Mar; 100(3):560-567.
6. **Banki F,** Velmahos G. *Pulmonary torsion after Tractotomy without Pulmonary Resection.* J Trauma. 2005 Aug; 59(2):478-81.
7. Vallbohmer D, DeMeester SR, Oh DS, **Banki F,** Kuramochi H, Shimizu D, Hagen JA, Danenberg KD, Danenberg PV, Chandrasoma PT, Peters JH, DeMeester TR. *Antireflux surgery normalizes cyclooxygenase-2 expression in squamous epithelium of the distal esophagus.* Am J Gastroenterol. 2006 Jul;101(7):1458-66.
8. **Banki F,** Mason RJ, Oh D, Hagen JA, DeMeester SR, Lipham JC, Tanaka K, Danenberg KD, Yacoub WN, Danenberg PV, DeMeester TR. *Plasma DNA as a molecular marker for completeness of resection and recurrent disease in patients with esophageal cancer.* Arch Surg. 2007 Jun;142(6):533-8.
9. **Banki F,** J.A. Hagen, R.J. Mason, S.R. DeMeester, D. Oh , W.N. Yacoub, P.V. Danenberg, T.R. DeMeester. *Plasma DNA: A Molecular Marker for the pattern*

of dissemination of esophageal cancer. Journal of Clinical Oncology, Volume 25, No18S, 2007 June, Page 730s.

10. **Banki F**, Douglas E. Wood, *Carinal Pneumonectomy.* Operative Techniques in Thoracic and Cardiovascular Surgery. 2007 Sept; 12(3):194-209.
11. **Banki F**, Rodney J. Mason, Jeffrey A. Hagen, Steven R. DeMeester, John C. Lipham, Kathleen Danenberg, Peter Danenberg and Tom DeMeester. *Plasma DNA: a molecular marker of surgical insult and post operative recovery in esophageal cancer.* Eur Surg Res 2008 Jan; 40(3):273-8.
12. **Banki F**, Wael N. Yacoub, Jeffrey A. Hagen, Rodney J. Mason, Shahin Ayazi, Steven R. DeMeester, John C. Lipham, Kathleen Danenberg, Peter Danenberg and Tom DeMeester. *Plasma DNA is more sensitive than CEA in diagnosis of recurrent esophageal cancer.* Journal of Am Coll Surgeons, 2008 July; 207(1):30-5.
13. Arzu Oezcelik, Jeffrey A Hagen, James M Halls, Jessica M Leers, Emmanuele Abate, Shahin Ayazi, Steven R DeMeester, **Banki F**, John C Lipham, Tom R DeMeester. *An Improved Method of Assessing Esophageal Emptying Using the Timed Barium Study Following Surgical Myotomy for Achalasia.* Journal of Gastrointestinal Surgery, 2008 Oct; 13(1):14-8.
14. **Banki F**, S. Ayazi, J. A. Hagen, S. R. DeMeester, J. C. Lipham, J. M. Leers, K. Danenberg, P. Danenberg, T. R. DeMeester. *Predictive Value of Preoperative Plasma DNA Level for Early Recurrence after Resection in Esophageal Adenocarcinoma.* Journal of Clinical Oncology 2008 ;26:15 ,4545.
15. Shahin Ayazi, John C. Lipham, Giuseppe Portale, Christian G. Peyre, Christopher G. Streets, Jessica M. Leers, Steven R. DeMeester, **Banki F**, Linda S. Chan, Jeffrey A. Hagen and Tom R. DeMeester *Bravo Catheter-Free pH Monitoring: Normal Values, Concordance, Optimal Diagnostic Thresholds, and Accuracy.* Clinical gastroenterology and hepatology, 2009 Jan;7(1):60-7.
16. Jessica M Leers , Shahin Ayazi , Jeffrey A Hagen , Sergei Tertov , Nancy Klipfel, Arzu Oezcelik, Emmanuele Abate, **Banki F**, John C Lipham MD, Steven R DeMeester, Tom R DeMeester . *Survival in lymph node negative adenocarcinoma of the esophagus after R0 resection with and without neoadjuvant therapy: evidence for downstaging of N status.* Journal of the American College of Surgeons, 2009 Apr; 208(4):553-6.
17. Chiu PW, Ayazi S, Hagen JA, Tang Al, Zehetner J, Leers JM, Oezcelik A, Abate E, **Banki F**, DeMeesetr SR, DeMeesetr TR. *Esophageal pH exposure and epithelial cell differentiation.* Dis Esophagus 2009 Apr; 22(7):596-9.
18. A. Oezcelik, **F. Banki**, J. Leers, E. Abate, S.Ayazi, J.A. Hagen, S.R. DeMeester, J. Lipham, T.R. DeMeester. *Delayed esophagogastronomy: a safe strategy for*

management of patients with ischemic gastric conduit at time of esophagectomy. J Am Coll Surg. 2009 Jun; 208(6):1030-4.

19. Emmanuele Abate, **Banki F**, Jeffrey A. Hagen and Nancy Klipfel. *Giant Cell Tumor of the Sternum: A case report.* Annals of Thoracic Surgery 2009, Aug; 88(2):645-7.
20. Ayazi S, Hagen JA, Chan LS, DeMeester SR, Lin MW, Leers JM, Oezcelik A, **Banki F**, Lipham JC, DeMeester TR, Crookes PF. *Obesity and Gastroesophageal Reflux: Quantifying the Association Between Body Mass Index, Esophageal Acid Exposure, and Lower Esophageal Sphincter Status in a Large Series of Patients with Reflux Symptoms.* J Gastrointest Surg, 2009 Aug; 13(8):1440-7.
21. Ayazi S, Lipham JC, Hagen JA, Tang AL, Zehetner J, Leers JM, Oezcelik A, Abate E, **Banki F**, Demeester SR, Demeester TR. *A New Technique for Measurement of Pharyngeal pH: Normal Values and Discriminating pH Threshold.* J Gastrointest Surg. 2009 Aug; 13(8):1422-1429.
22. Ayazi S, Leers JM, Oezcelik A, Abate E, Peyre CG, Hagen JA, DeMeester SR, **Banki F**, Lipham JC, DeMeester TR, Crookes PF. *Measurement of gastric pH in ambulatory esophageal pH monitoring.* Journal of Surgical Endoscopy. 2009 Sept; 23(9):1968-73.
23. Leers JM, DeMeester SR, Chan N, Ayazi S, Oezceik , Abate E, **Banki F**, Lipham JC, Hagen A, and DeMeester TR. *Clinical characteristics, biologic behavior, and survival after esophagectomy are similar for adenocarcinoma of the gastroesophageal junction and the distal esophagus.* J Thorac Cardiovasc Surg. 2009 Sep;138(3):594-602.
24. Ayazi S, Hagen JA, Zehetner J, Ross O, Wu C, Oezcelik A, Abate E, Sohn HJ, **Banki F**, Lipham JC, Demeester SR, Demeester TR. *The Value of High-Resolution Manometry in the Assessment of the Resting Characteristics of the Lower Esophageal Sphincter.* J Gastrointest Surg, 2009 Dec; 13(12): 2113-20.
25. **BankiF**, Luketich JD. Chen H, Christie N, Pennathur A. Review article. *Stereotactic Radiosurgery for lung cancer.* Minerva Chir, 2009 Dec; 64(6):589-98.
26. Oezcelik A, **Banki F**, Ayazi S, Abate E, Zohetner J, Chen W, Hagen JA, DeMeester SR, Lipham J, Palmer S, DeMeester TR. *Detection of Gastric Conduit Ischemia or Anastomotic Breakdown Following Cervical Esophagogastronomy: The Use of CT Scan vs. Early Endoscopy.* Surg Endosc, 2010 Feb; 24(8):1948-51.
27. Joerg Zehetner, John C. Lipham, Shahin Ayazi, Arzu Oezcelik, Emmanuele Abate, Weisheng Chen, Steven R. DeMeester, **Banki F** , Jeffrey A. Hagen,

Melissa Dickey, Tom R. DeMeester, *A Simplified Technique for Intrathoracic Stomach Repair: Laparoscopic Fundoplication with Vicryl Mesh and BioGlue Crural Reinforcement*, Journal of Surgical Endoscopy. 2010 March; 24(3):675-9.

28. Abate E, Oezceik A, DeMeester SR, **Banki F**, Ayazi S, Zehetner J, Chen W, Hagen A, Lipham C and Tom DeMeester. *Recurrence after esophagectomy for adenocarcinoma: defining optimal follow-up intervals and testing*. J Am Coll Surg. 2010 Apr; 210(4):428-35.
29. **Banki F**, Patrick Flanagan, Joerg Zehetner, Raina Sinha, Analisa Armstrong, Peter Crookes, Jeffrey A. Hagen, Steven R. DeMeester, Emmanuele Abate, Shahin Ayazi, Arzu Oezcelik, John Lipham and Tom R. DeMeester. *Progressive mucosal injury in patients with gastroesophageal reflux disease is associated with increasing peripheral blood eosinophil counts*. Archives of Surgery. 2010 Apr; 145(4):363-6.
30. **Banki F**, Kamal Khalil, Marylee M Kott, and Ana Lucia Cota. *Adenoid cystic carcinoma of the thymus gland, a rare tumor*. Annals of Thoracic Surgery, 2010 Oct; 90(4), e56-58.
31. **Banki F**. *Pulmonary Assessment for General Thoracic Surgery*. Surgical Clinics of North America, 2010 Oct; 90(5):969-84.
32. Zehetner J, Lipham JC, Ayazi S, **Banki F**, Oezcelik A, Demeester SR, Hagen JA, Demeester TR. *Esophagectomy for cancer in Octogenarians*. Disease of Esophagus. 2010 Nov; 23(8):666-9.
33. Ayazi S, Hagen JA, Zehetner J, **Banki F**, Augustin F, Ayazi A, Demeester SR, Oh DS, Sohn HJ, Lipham JC, Demeester TR. *Day-to-day discrepancy in Bravo pH monitoring is related to the degree of deterioration of the lower esophageal sphincter and severity of reflux disease*. Surg Endosc. 2011 Feb; 25(7):2219-23.
34. Cen P, **Banki F**, Cheng L, Amato R, Khalil K, Kaiser LR. *Dynamic changes in age, stage distribution, and survival of patients with esophageal adenocarcinoma over three decades in the United States*. Annals of Surgical Oncology 2011 Dec.
35. **Banki F**, Kaiser LR. *Mediastinal Mature Teratoma in a Jehovah's Witness Patient: Discrepancy between Imaging and Intraoperative Findings: Case report*. International Journal of Surgery Case Reports. 2012; 3(2):49-51.
36. **Banki F**. *Pneumomediastinum: Etiology and a Guide to Diagnosis and Treatment*. American Journal of Surgery. 2013 Dec; 206(6):1001-1006.
37. **Banki F**. *A Surgical Team with Focus on Staff Education in a Community Hospital Improves Outcomes, Costs and Patient Satisfaction*. American Journal of Surgery. 2013 Dec; 206(6):1007-1015.

38. Atay S, **Banki F**, Floyd C. *Empyema Necessitans Caused by Actinomyces: A Case Report*. International Journal of Surgery Case Reports. 2016 Apr; 23: 182-185.
39. Santamaria J, **Banki F**, Rajendran S, Floyd C. *Hemangioma of the Cervical Esophagus: A Rare Case of Dysphagia Mimicking a Large Esophageal Polyp on Endoscopy*. Journal of Cardiothoracic and Vascular Surgery. 2016 Sept; 152(3): e59-e61.
40. **Banki F**, Roife D, Kaushik C, Chawla M, Cassimir R, Miller C. *Laparoscopic Reoperative Antireflux Surgery: a Safe Procedure with High Patient Satisfaction and Low Morbidity*. American Journal of Surgery. 2016 Dec; 212(6): 1115-1120.
41. **Banki F**, Weaver, M. *Failed Fundoplication and Complications of Antireflux Surgery: Radiographic, Endoscopic and Laparoscopic Views*. JSM General Surgery: Cases and Images. 2017 Apr; 2(1): 1021.
42. Gams K, Shewale J, Demian N, Khalil K, **Banki F**. *Characteristics, Length of Stay and Hospital Bills Associated with Severe Odontogenic Infections in Houston, Texas*. Journal of the American Dental Association. 2017 Jan 24, in PubMed.
43. **Banki F**. *Giant paraesophageal hiatal hernia: A complex clinical entity*. Journal of Thoracic and Cardiovascular Surgery. 2017 Apr; 154(2): 752-753.
44. **Banki F**, Weaver M, Roife D, Khanna A, Ochoa K, Miller C. *Laparoscopic Reoperative Antireflux Surgery is More Cost Effective than Open Approach*. Journal of the American College of Surgeons. 2017 Aug; 225(2):235-242.
45. Santamaria-Barria J, Chandni K, Roife D, Miller C, **Banki F**. *Crural Closure Reinforcement with Biologic Porcine Mesh Results in Fewer Radiographic Recurrence and Higher Patient Satisfaction Compared to Synthetic Mesh, in the Short-term, Following Laparoscopic Repair of Large Hiatal Hernias*. Submitted to the Journal of American College of Surgeons, 2017 Sep.
46. **Banki F**, Kaushik C, Roife D, Chawla M, Miller C. *Laparoscopic Repair of Large Hiatal Hernia Without the Need for Esophageal Lengthening With Low Morbidity and Rare Symptomatic Recurrence*. Seminars in Thoracic and Cardiovascular Surgery. 2017 Sep.

Book Chapters

1. **Farzaneh Banki**, Jeffrey A. Hagen. *Benign strictures of the Esophagus*. In: Current Therapy in Thoracic and Cardiovascular Surgery. Mosby, Inc, 2004. Pages 422- 424
2. **Farzaneh Banki**, Christopher T. Salerno, Gordon A. Cohen. *Congenital Anomalies of the Coronary Arteries*. In: The Johns Hopkins Manual of Cardiothoracic Surgery. 2007 McGraw- Hill companies. Pages 1329-1336.
3. Wael N. Yacoub, **Farzaneh Banki**. *Thoracic Emergencies*. In: The Manual of Surgical Emergencies. LAC-USC Medical Center. 2008
4. **Farzaneh Banki**, Douglas E. Wood. *Inflammatory diseases of the Trachea*. In: Pearson's Thoracic and Esophageal Surgery. Third edition. 2008. Pages 294-298. Churchill, Livingstone, Elsevier.
5. **Farzaneh Banki**, Douglas E. Wood. *Endoscopic surgery of the esophagus*. In: Shields General Thoracic Surgery. 2008.
6. **Farzaneh Banki**, Tom R DeMeester. *Treatment of complications of gastroesophageal reflux disease and failed anti reflux surgery*. In: A Companion to Specialist Surgical Practice: Oesophagogastric Surgery. Michael Griffin, Fourth Edition, 2009, pages 277-289.
7. Cheong Edward, **Farzaneh Banki**, Arjun Pannathur, James Luketich. *Esophageal cancer*. In: The Pittsburgh Manual of Surgical Oncology. 2010
8. **Farzaneh Banki**, Tom DeMeester. *Paraesophageal Hiatal Hernia*. In: John Cameron, Current Surgical Therapy, Tenth edition, 2011, pages 33-38.
9. **Farzaneh Banki**, Larry R. Kaiser. *Diagnostic and Staging Procedures in Thoracic Surgery*. In: American College of Surgeons, Guidelines. 2012.
10. **Farzaneh Banki**, Tom DeMeester. *Surgery for Achalasia and Other Motility Disorders*. In: Mastery of Cardiothoracic Surgery. Larry R. Kaiser, Irving L. Kron, Thomas L. Spray, Third edition, 2013, pages 199-212.

Scientific Oral Presentations

2. **Banki F**: *The crura and crura-sphincter pressure dynamics in patients with isolated upright and isolated supine reflux*. Oral presentation. Southern California Chapter of American College of Surgeons 03/2001.

3. **Banki F:** *Vagal-sparing esophagectomy: a more physiologic alternative.* American Surgical Association Virginia, 04/2002.
4. **Banki F:** *Plasma DNA as a molecular marker for completeness of resection and recurrent disease in patients with esophageal cancer.* Western Surgical, Los Cabos Mexico, 03/2007.
5. **Banki F:** *Plasma DNA as a molecular marker of surgical insult and post operative recovery in esophageal cancer.* European Society of Clinical Research, Holland, 05/2007.
6. **Banki F:** *Plasma DNA is more sensitive than CEA in diagnosis of recurrent esophageal cancer.* American College of Surgeons, 93rd Annual Congress. New Orleans, 10/2007.
7. **Banki F:** *Staged Esophagogastrostomy: An Alternative to Vascular Compromised Gastric Conduit.* Oral presentation. The American College of Surgeons, 94th Annual Clinical Congress. Paper session. 10/2008.
8. **Banki F:** *Age and the prevalence of gastroesophageal reflux disease.* Western Surgical Association 116th Scientific Session. Paper session. Santa Fe. 11/2008.
9. **Banki F:** *Progressive mucosal injury in patients with gastroesophageal reflux disease is associated with increasing peripheral blood eosinophil counts.* Pacific Coast Surgical Association 80th Annual Meeting, 02/2009.
10. **Banki F:** *Pneumomediastinum: Etiology and a Guide to Diagnosis and Treatment.* The Southwestern Surgical Congress 65th Annual Meeting. Santa Barbara, California 03/2013.
11. **Banki F:** *A Surgical Team with Focus on Staff Education in a Community Hospital Improves Outcomes, Costs and Patient Satisfaction.* The Southwestern Surgical Congress 65th Annual Meeting. Santa Barbara, California 03/2013.
12. Roife D, **Banki F:** *Laparoscopic Redo Hiatal Hernia Repair, a Safe Procedure with High Patient Satisfaction and Low Morbidity.* The Southwestern Surgical Congress 68th Annual Meeting. Coronado, California 04/2016.
13. Roife D, **Banki F:** *Large Hiatal Hernia; Safe and Effective Repair by Laparoscopic Approach Without the Need for Esophageal Lengthening and with Rare Symptomatic Recurrence.* The Western Thoracic Surgical Association 42nd Annual Meeting. Waikoloa, Hawaii 06/2016.
14. Weaver M, MD, **Banki F,** MD, Roife D, MD, Khanna A, Ochoa K, RN. *Laparoscopic Redo Antireflux Surgery is More Cost Effective than Open Repair.* The Western Surgical Association Annual Meeting. San Diego, CA 11/2016.

15. Santamaria-Barria J, Chandni K, Roife D, Miller C, **Banki F**. *Crural Closure Reinforcement with Biologic Porcine Mesh Results in Fewer Radiographic Recurrence and Higher Patient Satisfaction Compared to Synthetic Mesh, in the Short-term, Following Laparoscopic Repair of Large Hiatal Hernias*. To be presented in Western Surgical 125th Association Annual Meeting, Scottsdale, Arizona, 11/2017.

Poster Presentations

1. **Banki F**: *Barrett's esophagus in Females: An Analysis of Risk Factors* (Poster of Distinction). Digestive Disease Week 05/2001.
2. **Banki F**: *Predictive value of preoperative plasma DNA level for early recurrence after resection in esophageal adenocarcinoma*. Poster presentation. American Society of Clinical Oncology, 2008.
3. **Banki F**, MD, Arzu Oezcelik MD, Shahin Ayazi MD, Emmanuele Abate MD, Joerg Zehetner MD, Weisheng Chen, Jeffrey A Hagen, Steven R DeMeester, John C Lipham, and Tom R DeMeester. *Assessment of gastric conduit ischemia following esophagectomy: The role of CT-scan vs. Early endoscopy*, (presented to The Society of American Gastrointestinal and Endoscopic Surgeons) annual meeting 2009.
4. Joerg Zehetner, **Banki F**, Shahin Ayazi, Arzu Oezcelik, Emmanuele Abate, Weisheng Chen, Steven R. DeMeester, John C. Lipham, Jeffrey A. Hagen, Tom R. DeMeester. *Esophagectomy for Cancer in Octogenarians*, (presented to The Society for Surgery of the Alimentary Tract), 05/2009.
5. Joerg Zehetner, Steven R. DeMeester, Shahin Ayazi, Arzu Oezcelik, Emmanuele Abate, Weisheng Chen, **Banki F**, John C. Lipham, Jeffrey A. Hagen, Tom R. DeMeester. *Endoscopic Therapy for Benign and Malignant Esophageal Lesions*, (presented to The Society for Surgery of the Alimentary Tract), 05/2009.
6. Shahin Ayazi, Jeffrey A. Hagen, Joerg Zehetner, Arzu Oezcelik, Emmanuele Abate, **Banki F**, John C. Lipham, Steven R. DeMeester, Tom R. DeMeester *Comparison of the Conventional Manometry and High Resolution Manometry in the Assessment of the Resting Characteristics of the Lower Esophageal Sphincter: The Enemy of Good is Better*, (presented to The Society for Surgery of the Alimentary Tract), 05/2009.
7. Shahin Ayazi, Jeffrey A. Hagen, Arzu Oezcelik, Joerg Zehetner, Emmanuele Abate, John C. Lipham, **Farzaneh Banki**, Steven R. DeMeester, Tom R. DeMeester: *Schatzki's Ring and GERD: Association between Esophageal Acid*

Exposure and Imaging Findings, (presented to The American Gastroenterological Association) , 05/2009.

8. Arzu Oezcelik, Steven R. DeMeester, Shahin Ayazi, Emmanuele Abate, Joerg Zehetner, Weisheng Chen, Jeffrey A. Hagen, **Banki F**, John C. Lipham, Tom R. DeMeester. *Stapled Pyloroplasty: A fast and safe technique*, (presented to The Society for Surgery of the Alimentary Tract), 2009.
9. Emmanuele Abate, **Banki F** , Patrick T. Flanagan, Shahin Ayazi, Arzu Oezcelik, Joerg Zehetner¹, Jeffrey A. Hagen, Steven R. DeMeester, John C. Lipham, Tom R. DeMeester, *Mucosal stripping vagal sparing esophagectomy for end stage Achalasia*, (presented to The Society for Surgery of the Alimentary Tract), 2009.
10. **Banki F** , MD, Kamal Khalil, MD, Adel Irani, MD, Larry R. Kaiser, MD, Hazim safi, MD. *Primary large thymic tumors, surgical treatment and outcomes*, (presented to *The Southwestern Surgical*), 03/2010.
11. Putao Cen, **Banki F**, Kamal Khalil, Larry Kaiser. *Dynamic changes in age, stage distribution, and survival of patients with esophageal adenocarcinoma over three decades in the United States*, (presented to The American Society of Clinical Oncology), 06/2010.
12. **Banki F**, Chang V, MD, Surapaneni N, MD, Kaushik C, MSII, Miller C, PhD. *Esophageal Stent: An Essential Tool in Treatment of Complex Esophageal Disease*, (presented at Digestive Disease Week), 05/2016.
13. **Banki F**, Roife D, , Kaushik C, Chawla M, Miller C. *Large Hiatal Hernia; Safe and Effective Repair by Laparoscopic Approach Without the Need for Esophageal Lengthening and with Rare Symptomatic Recurrence*, (presented at The Western Thoracic Surgical Association), 06/2016.
14. Kaushik C, MSII, **Banki F**, MD, Chawla M, MD, Khanna A, Miller C, PhD. *Angle/Diameter Ratio: A Simple Radiographic Staging System for Achalasia, and Outcomes of Laparoscopic Heller Myotomy for all Stages*, presented at The Western Surgical Association, 11/2016.
15. Victoria Chang, MD, Grant Garwood, David Roife, MD, Chandni Kaushik, Charles C. Miller PhD, **Banki F**, MD. *Laparoscopic Type IV Hiatal Hernia Repair with Toupet Fundoplication: Clinical Outcomes and Lessons Learned*. To be presented in Western Surgical 125th Association Annual Meeting, Scottsdale, Arizona, 11/2017.

Surgical Video Presentations in National Meetings:

1. Chang V, MD, **Banki F**, MD, *Repair of Incarcerated Type IV Hiatal Hernia with Intrathoracic Stomach, Herniated Omentum, Small Bowel and Transverse Colon Can be Safely Achieved via Laparoscopic Approach.* The Southern Thoracic Surgical Association 63rd Annual Meeting. Naples, Florida, 11/2016.
2. Weaver Matthew, MD, **Banki F**, MD, *Laparoscopic Repair of Giant Type IV Hiatal Hernia with Intrathoracic Upside Down Stomach, Herniated Omentum, Small Bowel and Colon, Challenges with Management of Postoperative Bilateral Pleural Spaces.* The Western Surgical Association 124th Annual Meeting, San Diego, CA, 11/2016.
3. Van Haren Robert, MD, **Banki F**, MD, *Reoperative laparoscopic lysis of adhesions, reduction of recurrent type IV hiatal henria with intrathoracic stomach and herniated omentum, take down of Nissen fundoplication, primary crural closure and reinforcement with mesh, Toupet fundoplication.* To be presented in Western Surgical 125th Association Annual Meeting, Scottsdale, Arizona, 11/2017.
4. Andrew Cantor, MD, **Banki F**, MD, *Reoperative laparoscopic lysis of adhesions, take down of Toupet fundoplication, primary crural closure and laparoscopic repair of postoperative gastric leak.* To be presented in Western Surgical 125th Association Annual Meeting, Scottsdale, Arizona, 11/2017.

Invited Lectures

1. Medical and Surgical Aspects of Esophageal and Foregut Disorders: Case Presentation. Big Island : Hawaii 02/2001.
2. Follow-up of Esophageal Cancer. Why and how, Medical and Surgical Aspects of Esophageal and Foregut Disorders: Hawaii 02/2009.
3. Plasma DNA for Follow up of Patients with Esophageal Cancer. Cardiothoracic and Vascular Surgery Grand rounds. The University of Texas Medical School at Houston. 03/2009.
4. Treatment of Complications of GERD and Failed Antireflux Surgery. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 11/2009.
5. Combined Pulmonary and Thoracic Surgery, Multidisciplinary Grand Rounds Case Presentations. The University of Texas Medical School at Houston. 07/2010.

6. Non Cardiac Chest pain. Cardiology Grand Rounds. The University of Texas Medical School at Houston. 08/2010.
7. Non Cardiac Chest pain. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 11/2010.
8. Surgical Treatment of Esophageal Motility Disorders. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 11/2011.
9. Reoperative Anti-reflux Surgery. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 04/2012.
10. Tracheal Dilatation. Anesthesiology Grand Rounds. The University of Texas Medical School at Houston. 08/2012.
11. Failed Heller Myotomy for Achalasia, Etiology & Treatment. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 10/2012.
12. Pneumomediastinum: Etiology and a Guide to Diagnosis and Treatment. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 01/2013.
13. A Surgical Team with Focus on Staff Education in a Community Hospital Improves Outcomes, Costs and Patient Satisfaction. The University of Texas Medical School at Houston. 02/2013.
14. Diagnosis and Treatment of Mediastinitis. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 02/2014.
15. Thoracic Infections: Case Presentation. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 06/2015.
16. Esophageal Diverticulum. Cardiothoracic and Vascular Surgery Grand Rounds. The University of Texas Medical School at Houston. 01/2016.
17. Pneumomediastinum: Diagnosis and Treatment. Emergency Department Section Meeting at Memorial Hermann Southeast. 11/2016.

Invitations in National Meetings and Journals

1. Paper Discussion. Fate of the Esophagogastric Anastomosis. Thomas W. Rice, John R. Goldblum, Lisa A. Rybicki, Jeevanantham Rajeswaran, Sudish C. Murthy, David P. Mason, Eugene H. Blackstone. Western Thoracic Surgical Association. Ojai, CA. Scientific Session. 06/2010.
2. Invited to Provide Editorial Commentary on a Manuscript: Prospective Study of Giant Paraesophageal Hernia Repair with 1 Year Follow-Up. John R. Stringham et al. Journal of Thoracic and Cardiovascular Surgery. 2017, in press.
3. Invited as a Moderator for the Western Thoracic Surgical Association Annual Meeting. General Thoracic Concurrent Forum Session. 06/24/2017.