

DANIEL J. BOFFA, MD

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ATTENDING THORACIC SURGEON

2007-Present	Yale University School of Medicine	Assistant Professor
2012-Present	Yale University School of Medicine	Associate Professor

THORACIC RESIDENCY

2004-2007	Cleveland Clinic	Thoracic Resident
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RESIDENCY

2003-2004	Administrative Chief Resident The New York Presbyterian Hospital	
1997-2004	The New York Presbyterian Hospital Cornell Medical Center	Assistant Surgeon
1997-2004	Cornell University Medical College	Clinical Associate
1997-2004	Memorial Sloan Kettering Cancer Center	Surgical Housestaff
2000-2002	Cornell University Medical College	Research Fellow

EDUCATION

<u>Medical School</u> 1993-1997	The University of Chicago Pritzker School of Medicine	M.D. 1997 with Honors
<u>College</u> 1989-1993	John Carroll University Major: Biology and Chemistry	B.S. 1993 Cum Laude

HONORS AND AWARDS

- 2013 Edward H Storer, MD Award for excellence in surgical teaching-Yale University
- 2012 Richard E. Clark Award, Society of thoracic Surgeons, best STS database paper in general thoracic surgery
- 2010 2010 Legislative Advocacy Workshop Young Physician Scholarship, Society of Thoracic Surgeons
- 2010 Cancer and Leukemia Group B, Clinical Cancer Research Award
- 2007 Dr. Charles H. Bryan Clinical Excellence Award, Cleveland Clinic
- 2007 Thoracic and Cardiovascular Research Award, Cleveland Clinic
- 2006 American Association of Thoracic Surgery Resident Traveling Fellowship
- 2006 Innovator Award, Cleveland Clinic
- 2006 High score ABTS In-training examination, Cleveland Clinic
- 2003 Hassan A. Naama Memorial Resident Teaching Award, New York Presbyterian Hospital
- 1997 Outstanding Graduate - Department of General Surgery, Univ. of Chicago
- 1996 Alpha Omega Alpha
- 1996 Calvin Fentress Research Fellowship Award
- 1993 NIH Summer Research Award
- 1993 Thomas Ahearn Outstanding Preprofessional Graduate
- 1993 Alpha Sigma Nu, National Jesuit Honor Society
- 1993 Phi Lambda Upsilon, Honorary Chemical Society
- 1989 Freshman Chemistry Student of the Year

RESEARCH EXPERIENCE

- 2005-2008 Cleveland Clinic, Chemokines and Non small cell lung cancer. Organized five person lab, developed IRB approved protocol, secured grant funding and serve as principal investigator for project examining gene expression profiles of chemokines in NSCLC patients.
- 2000-2002 Cornell University Medical Center, Department of Transplant Medicine, M. Suthanthiran MD, Non-small cell lung cancer, a clinically relevant tumor in the transplant population was found to be inhibited by the immunosuppressant Rapamycin, both in vitro and in vivo. In a separate model, Dendritic cells deficient in the NF-kB family member c-Rel were shown to have compromised ability to stimulate T lymphocytes. Research funded by NIH grant # 5 T32 CA68971

PATENTS

- 2008 Heart BRACE – Principal Investigator, patent number D552178

GRANTS

- 2012-2014 \$128,000, SBIR Phase 2, EPIC Sciences
NCI Control #HHSN261201200049C
N44CO-2012-0049
Funding source: National Cancer Institute
Circulating Tumor Cell Enumeration Product
Objectives of study are to further validate the Epic technology for circulating tumor cell enumeration and characterization in patients with lung cancer
Subcontractor PI
- 2012-2013 \$10,000, Translation-Targeted Area of Research Excellence (T-TARE)
Award thru Yale Comprehensive Cancer Center.
- 2011-2012 Industry Collaboration, EPIC Biosciences, San Diego CA (approximately \$250,000 in consumed or committed assays) *Evaluation of tumor cells in the arterial and venous circulations*
Principle Investigator
- 2010-2013 \$30,000, Investigator Award from the Cancer and Leukemia Group B Foundation.
Evaluation of a Novel Molecular NSCLC Classification System. A Companion Study to CALGB 9761.
Principal Investigator
- 2010 \$10,000 Ohse, A Pilot Study to characterize differences between tumor cells in the arterial and venous circulations
Principle Investigator
- 2009-2010 \$34,000, National Institutes of Health – LRP, *Do Metastases metastasize? The impact of metastasectomy on tumor cell circulation*
Principal Investigator
- 2008-2009 \$5,000 Ohse, *Chemokine driven lymph node metastasis*,
Principal Investigator
- 2005-2007 \$25,000 - Cleveland Clinic Research Program Committee #2005-1008
Chemokines and the Organized Spread of Lung Cancer
Principal Investigator

LEADERSHIP/ADMINISTRATIVE/ACADEMIC

- 2012-2014 Secretary of Medical Board, Yale-New Haven Hospital

- 2012-2014 Administrative Committee, Medical Board- Yale-New Haven Hospital
- 2012-2014 Chairman: Credentials Committee, Yale-New Haven Hospital
- 2010-present Data & Safety Monitoring Committee, Yale Cancer Center
- 2010-present Admissions Committee, Yale School of Medicine
- 2010-present Director, Yale Esophageal Cancer Program
- 2010-2012 Credentials Committee, Yale-New Haven Hospital
- 2009-present Protocol Review Committee, Yale University
- 2008-present Leader, Esophageal Initiatives, Thoracic Surgery Section, Cancer and Leukemia Group B (CALGB)
- 2008-present Reviewer - Annals of Surgical Oncology
Annals of Thoracic Surgery
Annals of Vascular Surgery
Archives of Pathology
Canadian Grant Associations
Clinical Lung Cancer
Diseases of the Esophagus
International Journal of Cancer
Journal of Clinical Oncology
JNCCN-the Journal of the National Comprehensive Cancer Network
Lung Cancer
New England Journal of Medicine
Journal of Thoracic Oncology
Journal of thoracic and Cardiovascular Surgery
- 2008 Program Committee, Annual Meeting, International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS)
- 2005-2008 Council on Education and Membership Services,
The Society of Thoracic Surgeons
- 2006-2007 President – Thoracic Surgery Residents Association
- 2005-2007 Executive Committee
Thoracic Surgery Residents Association
- 2006-present CEO and Cofounder – Jack of Hearts Inc.

Design, Produce and Market Cardiothoracic Surgical Devices

- 2003-2004 Executive Committee
The New York Presbyterian Hospital - Weill Cornell Medical Center
- 2003-2004 Quality Assurance Committee
Department of Surgery
The New York Presbyterian Hospital - Weill Cornell Medical Center
- 2003-2004 Course Director and Originator
Cornell Surgical Anatomy Course

ABSTRACTS/PRESENTATIONS

1. Zeng Y, **Boffa DJ**, Bluestone J, Thistlethwaite JR, CTLA4-Ig and Cyclosporin synergize to suppress human allogeneic immune reaction both in vivo and in vitro, International Pancreas and Pancreatic Islet Meeting, Miami 1994.
2. **Boffa DJ**, Tak V, Jansson SL, Ko W, Krishnasastri KV, Atheroemboli to superior mesenteric artery following cardiopulmonary bypass, Presented to New York Society of Vascular Surgeons, New York 2000.
3. Yang H, Thomas D, **Boffa DJ**, Li B, Sharma VK, Lagman M, Liou HC, and Suthanthiran M, Enforced c-Rel Deficiency Prolongs Allograft Survival, ASN/ISN World Congress of Nephrology, San Francisco 2001.
4. Thomas D, Yang H, **Boffa DJ**, Li B, Mohanakumar T, and Suthanthiran M, Separation anxiety: Isolated human islets express proapoptotic bax at a higher level compared to anti-apoptotic bcl-2, ASN/ISN World Congress of Nephrology San Francisco 2001.
5. **Boffa DJ**, Luan F, Thomas D, Yang H, Sharma V, Lagman M, Suthanthiran M, Rapamycin inhibits the growth of non-small cell lung cancer in-vivo, Presented at American Transplant Congress, Washington DC 2002.
6. **Boffa DJ**, Curran S, Suh D, Thomas D, Besada M, Yang H, Waka J, Manova K, In situ morphometric analysis of apoptosis in pancreatic islets, Microscience, London 2002.
7. Thomas D, **Boffa DJ**, Yang H, Ding R, and Suthanthiran M. Peripheral Blood Cell mRNA Profiling for the Prediction of Acute Rejection. ASN/ISN World Congress of Nephrology 2002.

8. **Boffa DJ**, Non small Cell Lung Cancer: Good Stage Bad Actor, Department of Surgery Grand Rounds, The New York Presbyterian Hospital (May 2004)
9. **Boffa DJ**, Waka J, Thomas D, Suh S, Curran K, Sharma V, Besada M, Yang H, Suthanthiran M, and Manova K Rapid quantification of apoptosis among intact pancreatic islets prior to transplantation. The Cleveland Clinic April 2005
10. **Boffa DJ**, Mason DP, Mehta AC, Budev MM, McNeill AM, Murthy SC, Pettersson G, Decortication after Lung Transplantation, Society of University Surgeons/Academic Surgical Congress, Phoenix, February 2007.
11. **Boffa DJ**, Allen MS, Grab JD, Gaisert HA, Harpole DH, Wright CD, Data from the STS General Thoracic Database: The Surgical Management of Primary Lung Tumors, American Association of Thoracic Surgeons *Plenary Session*, Washington DC, May 2007.

*** PLENARY**

12. **Boffa DJ**, Sands MJ, Rice TW, Murthy SC, Mason DP, Geisinger MA, Chylothorax Complicating Thoracic Surgery: A Percutaneous Diagnostic and Management Strategy, European Society of Thoracic Surgeons, Leuven Belgium, June 2007.
13. **Boffa DJ**, Guo X, Molinaro A, Finan B, Detterbeck FC, Rimm DL. Circulating tumor cells are rare in patients with curable oligometastatic cancer. AACR 101st Annual Meeting, Washington, DC, April 2010.
14. **Boffa DJ**, Guo X, Wang Z, Cha C, Salem R, Finan B, Detterbeck FC, Rimm DL. Clearance of Circulating Tumor Cells by Curative Metastasectomy. 47th meeting of Society of Thoracic Surgeons, San Diego CA, June 2010.
15. Sullivan CA, Guo X, Wang Z, Theoharis C, Rimm DL, **Boffa DJ**. Fascin expression in colorectal cancer metastases predicts survival after curative-intent surgery. AACR 102nd Annual Meeting Orlando, FL 2011.
16. **Boffa DJ**, Kosinski A, Paul S, Mitchell J, Onaitis M. Lymph Node Evaluation By Open And VATS Approaches: Analysis Of 11,500 Anatomic Lung Cancer Resections In The STS General Thoracic Database. The Society of Thoracic Surgeons 48th Annual Meeting.

****PLENARY –The Richard E. Clark Paper.**

*This abstract represents the largest database study to date to raise concerns over the use of VATS for lobectomies and should be one of the more controversial studies in our field

17. Ahman U, Wang Z, **Boffa DJ**. Outcomes Of Lung Transplantation For Cancer In The United Network For Organ Sharing Registry. The Society of Thoracic Surgeons 48th Annual Meeting. Submitted 2011.

*This abstract is the largest experience of lung transplantation for lung cancer, a practice that could double the number of lung transplant recipients raising a number of ethical issues.

18. Dhamija A, Guo S, Kim AW, Wang Z, Detterbeck FC, **Boffa DJ**. Impact of Minimally Invasive Approach on Lymphadenectomy for Esophageal Cancer. Southern Thoracic Surgical Association 50th Annual Meeting. Naples, FL 2012 Accepted for oral presentation.

19. **Boffa DJ**, Dhamija A, Kosinski AS, Kim AW, Detterbeck FC, Mitchell JD, Onaitis M, Subroto P. Fewer complications with VATS approach to anatomic resection of clinical stage I lung cancer. Southern Thoracic Surgical Association 50th Annual Meeting. Naples, FL 2012 Accepted for oral presentation.

20. Dhamija A, Reiner AN, Guo S, Finan B, Detterbeck FC, Kim AW, **Boffa DJ**. Southern Thoracic Surgical Association 50th Annual Meeting. Naples, FL 2012 Accepted for oral presentation.

INVITED LECTURES, COURSES, WEB-BASED EDUCATION:

State Chest Conference - New Haven, Management of Pleural Effusions, October 2007

Surgical Grand Rounds – Yale University School of Medicine, Data Driven Management of Esophageal Cancer, November 2007

Yale Lung Cancer Symposium, Natural history of lung cancer, November 2007

Surgical Grand Rounds – Saint Mary’s Hospital, Waterbury, Esophageal Cancer, January 2008

Surgical Grand Rounds – Bridgeport Hospital, Surgical Management of Esophageal Cancer, January 2008

John Murren Oncology Symposium – Las Vegas, Clinical Staging of Non Small Cell Lung Cancer, March 2008

Cardiothoracic Technology Symposium – University of Cincinnati School of Medicine, VATS Thymectomy, April 2008

Cardiothoracic Technology Symposium – University of Cincinnati School of Medicine, Staging of Lung Cancer, April 2008

International Society of Minimally Invasive Cardiothoracic Surgery – Boston, Incorporating minimally invasive techniques into a clinical practice, May 2008

Northeast Thoracic Surgery Symposium, Clinical Staging of NSCLC, Connecticut 2008

American College of Surgeons, Neoadjuvant and Adjuvant therapy for NSCLC, October 2008

Surgical Grand Rounds – Saint Mary’s Hospital, Waterbury, Minimally invasive esophageal surgery, November 2008

Surgical Grand Rounds – Bridgeport Hospital, Minimally invasive esophagectomy, November 2008

State Chest Conference - New Haven, Adjuvant therapy for NSCLC, February 2009

American College of Chest Physicians, Quality Issues: How does this affect the staging algorithm, California March 2009

Radiation Oncology Grand Rounds, Curative Surgery for Metastatic Disease, March 2009

Department of Surgery Resident Lecture Series, Esophageal Cancer, May 2009

Emergency Department Grand Rounds, Thoracic Patients in the ED, Oct 2009

Surgical Grand Rounds – Yale Cancer Center, Who Moved My Stage? Reacting to Changes in the New Lung Cancer Staging System, June 2010

Department of Surgery Resident Lecture Series, Esophageal Cancer, Sept 2010

Cedars-Sinai. Los Angeles. Lung Cancer for the Clinician: 2011 State of the Art Overview of Diagnosis and Treatment. 2011

*Invited Clinical Expert

Boston, MA. ATS Hands-On Learning: Endobronchial Ultrasound. 2011

Invited speaker.

International Society of Minimally Invasive Cardiothoracic Surgery, Postgraduate 2011 Course; Thoracic Surgery, Washington, DC. Comparison

and review of techniques for Esophagectomy and Giant PEH Repair:

Laparoscopic/Thoracoscopic approaches.

*Invited Clinical Expert

National Association for The Medical Direction of Respiratory Care (NAMDRC), Las Vegas. 2011 Treatment of the High Risk Surgical Patient with Early Stage Lung Cancer- Surgery vs. Radiation Therapy

*Invited Clinical Expert

Molecular Med TRI-CON. Inaugural CIRCULATING TUMOR CELLS (CTC) for Cancer Detection, Diagnosis, Prognosis and Treatment, San Francisco, CA. 2011 Isolation and Characterization of CTCs from patient with localized and metastatic cancer. 2011
*Invited Scientific Expert

World CTC Conference, Boston, MA. 2012 Answering a Question with a Question: Circulating Tumor Cells from a Surgeon's Perspective
*Invited Lecturer

CHI ADAPT Congress, Washington, DC. 2012 Answering a Question with a Question: Circulating Tumor Cells from a Surgeon's Perspective
*Invited Lecturer

Department of Surgery Resident Lecture Series, Esophageal Cancer 2012

Radiation Oncology Grand Rounds, The role of surgery in Esophageal Cancer 2012

Select Biosciences, Ltd. Circulating Tumor Cells 2012. San Diego, CA. Answering a Question with a Question: Circulating Tumor Cells from a Surgeon's Perspective 2012
*Invited Lecturer

AATS/STS General Thoracic Surgery Symposium, Minneapolis, MN. 2013
Lung cancer resection on cardiopulmonary bypass.
*Invited Speaker

PUBLICATIONS

1. **Boffa DJ**, Tak V, Jansson SL, Ko W, Krishnasastri KV. Atheroemboli to superior mesenteric artery following cardiopulmonary bypass, Ann Vasc Surg. 2002 Mar; 16(2):228-30
2. Yang H, Thomas D, **Boffa DJ**, Ding R, Li B, Muthukumar T, Sharma VK, Lagman M, Luo GX, Kapur S, Liou HC, Hancock WW, Suthanthiran M. Enforced c-Rel deficiency prolongs survival of islet allografts, Transplantation. 2002 Aug 15; 74(3):291-8.
3. **Boffa DJ**, Rusch V. Surgical techniques for nonseminomatous germ cell tumors metastatic to the lungs, Chest Surg Clin N Am. 2002 Nov; 12(4):739-48.
4. Thomas DT, Yang H, **Boffa DJ**, Ding R, Sharma V, Lagman M, Li B, Hering B, Mohanakumar T, Lakey J, Kapur S, Hancock W, and Suthanthiran M. Proapoptotic Bax

is hyperexpressed in isolated human islets, *Transplantation*, 2002 Dec 15; 74(11): 1489-96.

5. **Boffa DJ**, Feng B, Sharma VK, Demateo R, Miller G, Suthanthiran M, Nunez R, Liou HC. The selective loss of c-Rel compromises dendritic cell activation of T lymphocytes, *Cellular Immunology*, 2003; 222:105-115.

6. **Boffa DJ**, Luan F, Thomas D, Yang H, Sharma V, Lagman M, Suthanthiran M. Rapamycin inhibits the growth and metastatic progression of non-small cell lung cancer, *Clinical Cancer Research*, 2004; 10:293-300.

7. Borazzo E, Belmont M, **Boffa DJ**, Fowler D. Effect of prosthetic material on adhesion formation after laparoscopic incisional hernia repair in a porcine model, *Hernia*, 2004; 8(2):108-12.

8. Sarkaria IS, Eachempati SR, Weyant MJ, Hydo LJ, Barie CA, Bleier JJ, **Boffa DJ**, Barie PS. Current surgical opinion of computed tomography for acute appendicitis. *Surgical Infections* 2004; 5(3):243-52.

9. **Boffa DJ**, Waka J, Thomas D, Suh S, Curran K, Sharma V, Besada M, Yang H, Suthanthiran M, and Manova K. New method of quantifying apoptosis in purified pancreatic islets, *Transplantation* 2005;79(7):842-5.

10. **Boffa DJ** and Rusch V. Surgical and multimodality approaches to the management of operable malignant mesothelioma. *Malignant Pleural Mesothelioma*, Oxford University Press, 2006.

11. Mason DP, **Boffa DJ**, Murthy SC, Gildea TR, Budev MM, Mehta AC, McNeill AM, Smedira NG, Feng J, Rice TW, Blackstone EH, Pettersen BG. Extended Use of ECMO after Lung Transplantation, *J Thorac Cardiovasc Surg* 2006;132: 954-60

12. Rice TW and **Boffa DJ**. Celiac Lymph Nodes and Esophageal Cancer, *Difficult Decisions in Thoracic Surgery: An Evidence-Based Approach*, Springer 2006.

13. **Boffa DJ**, Allen MS, Grab JD, Gaissert HA, Harpole DH, Wright CD. Data fro the STS General Thoracic Database: The Surgical Management of Primary Lung Tumors, *J Thorac Cardiovasc Surg*. 2008 Feb;135(2):247-54.

14. **Boffa DJ**, Mason DP, Murthy SC, Feng J, McNeill AM, Budev MM, Mehta AC, Pettersson BG. Decortication after Lung Transplantation, *Ann Thorac Surg*. 2008 Mar;85(3):1039-43.

15. **Boffa DJ**, Sands M, Rice TW, Murthy SC, Mason DP, Geissinger M, Blackstone EH. Chylothorax complicating thoracic surgery: A percutaneous diagnostic and management strategy, *Eur J Cardiothorac Surg*. 2008 Mar;33(3):435-9.

16. Russo AJ, Tetenta S, **Boffa DJ**, Pulmonary artery agenesis and Kommerell's diverticulum presenting with hemoptysis, *Eur J Cardiothorac Surg*. 2009 Feb;35(2):370-2
17. Graff-Baker A, roman SA, **Boffa D**, Aslanian H, Sosa JA. Diagnosis of ectopic middle mediastinal parathyroid adenoma using endoscopic ultrasonography-guided fine-needle aspiration with real-time rapid parathyroid hormone assay. *J Am Coll Surg*. 2009 Sep;209(3):e1-4.
18. Suthanthiran M, Hojo M, Maluccio M, **Boffa DJ**, Luan FL. Post-transplantation malignancy: a cell autonomous mechanism with implications for therapy. *Trans Am Clin Climatol Assoc*. 2009;120:369-88
19. Detterbeck FC, Tanoue L, **Boffa DJ**. Anatomy, Biology and Concepts, Pertaining to Lung Cancer Staging, *Thorac Oncol*. 2009 Apr;4(4):437-43.
20. **Boffa DJ**, Detterbeck F, *Neoadjuvant Therapy for Esophageal Cancer*, Esophageal Tumors: Principles and Practice, Demos Medical Publishing, New York 2009
21. Anagnostou VK, Bepler G, Konstantinos SN, Tanoue L, Gettinger S, Homer RJ, **Boffa D**, Detterbeck F, Rimm DL. High expression of mammalian target of rapamycin is associated with better outcome for patients with early stage lung adenocarcinoma, *Clin Cancer Res*. 2009;15(12):4157-64.
22. Detterbeck FC, **Boffa DJ**, Tanoue LT, *Then New Lung Cancer Staging System*, *CHEST*.2009;136:260-271
23. Cooke DT, Kerendi F, Mettler BA, **Boffa DJ**, Mehall JR, Merrill WH, Higgins RS. Update on cardiothoracic surgery resident job opportunities, *Ann Thorac Surg*. 2010 Jun;89(6):1853-8; discussion 1858-9.
24. **Boffa DJ**, *Transthoracic Esophagectomy*, Atlas of Thoracic Surgical Procedures, Elsevier (in press)
25. **Boffa DJ**, Detterbeck FC, Smith EJ, Rami-Porta R, Crowley J, Zelterman D, Tanoue L, Kim AW, Goldstraw P. Should the 7th edition of the lung cancer stage classification system change treatment algorithms in NSCLC? *J Thorac Oncol* 2010;5(11):1779-1783.
26. Anagnostou VK, Lowery FJ, Zolota V, Tzelepi V, Liceaga C, Panagopoulos N, Frangia K, Gettinger S, Tanoue L, **Boffa D**, Detterbeck F, Homer RJ, Dougenis D, Rimm DL, Syrigos KN. High expression of BCL-2 predicts favorable outcome in non-small cell lung cancer patients with non squamous histology. *BMC Cancer* 2010;10:186.
27. Detterbeck FC, Tanoue LT, Boffa DJ. Anatomy, biology and concepts, pertaining to lung cancer stage classification. *Zhongguo Fei Ai Za Zhi* 2010; 13(1):1-8

28. Detterbeck FC, **Boffa DJ**, Tanoue LT, Wilson LD. Details and difficulties regarding the new lung cancer staging system. *Chest* 2010;137(5):1172-80
29. **Boffa DJ** and Greene FL. Reacting to changes in staging designations in the 7th edition of the AJCC staging manual, *Ann Surg Onc* 2011;18(1):1-3.
30. Muralidaran A, Detterbeck FC, **Boffa DJ**, Wang Z, Kim AW. Long-term survival after lung resection for non-small cell lung cancer with circulatory bypass: A systematic review. *J Thorac Cardiovasc Surg.* 2011;142(5):1137-42
31. Sondergaard K, **Boffa DJ**, Detterbeck FC, Kim AW. Intrathoracic hemorrhage after placement of a subpleural catheter. *JAAPA* 2011;24(11):34, 37
32. Boffa DJ. The revised stage classification system for primary lung cancer. *Clin Chest Med.* 2011;32(4):741-8
33. **Boffa DJ**. Invited Commentary. *Ann thorac Surg* 2011; 92(1):224-5
34. Kim AW, **Boffa DJ**, Wang Z, Detterbeck FC. An analysis, systematic review, and meta-analysis of the perioperative mortality after neoadjuvant therapy and pneumonectomy for non-small cell lung cancer. *J Thorac Cardiovasc Surg* 2012;143(1):55-63
35. Park HS, Detterbeck FC, **Boffa DJ**, Kim AW. Impact of Hospital Volume of Thoracoscopic Lobectomy in Primary Lung Cancer Outcomes. *Ann Thorac Surg.* 2012; 93:372-379.
36. **Boffa DJ**, Gangadharan S, Kent M, Kerendi F, Onaitis M, Verrier E, Roselli E. Self-perceived video-assisted thoracic surgery lobectomy proficiency by recent graduates of North American thoracic residencies. *Interact Cardiovasc Thorac Surg.* 2012; 14(6):797-800
37. **Boffa DJ**, Kosinski AS, Paul S, Mitchell JD, Onaitis M. Lymph node evaluation by open or video-assisted approaches in 11,500 anatomic lung cancer resections. *Ann Thorac Surg.* 2012;94(2):347-53.
38. Ahmad U, Wang Z, Bryant AS, Kim AW, Kukreja J, Mason DP, Bermudez CA, Detterbeck FC, **Boffa DJ**. Outcomes for lung transplantation for lung cancer in the United Network for Organ Sharing Registry. *Ann Thorac Surg* 2012; 94(3):935-40; discussion 940-1
39. Kim AW, Detterbeck FC, **Boffa DJ**, Decker RH, Soulos PR, Cramer LD, Gross CP. Characteristics Associated with the use of nonanatomic resections among medicare patients undergoing resections of early-stage lung cancer. *Ann Thorac Surg* 2012; 94(3):895-901

40. Rowe BP, **Boffa DJ**, Wilson LD, Kim AW, Detterbeck FC, Decker RH. Stereotactic body radiotherapy for central lung tumors. *J Thorac Oncol* 2012; 7(9): 1394-9
41. Moreno AC, Morgensztern D, Yu JB, **Boffa DJ**, Decker RH, Detterbeck FC, Kim AW. Impact of preoperative radiation on survival of patients with T3N0.7-cm non-small cell lung cancers treated with anatomic resection using the Surveillance, Epidemiology, and End Results database. *J Surg Res* 2013 April 3[Epub ahead of print]
42. Kuzmik GA, Detterbeck FC, Decker RH, **Boffa DJ**, Wang Z, Oliva IB, Kim AW. Pulmonary resections following prior definitive chemoradiation therapy are associated with acceptable survival. *Eur j Cardiothorac Surg*. 2013 Apr 4 [Epub ahead of print]

REVIEWS, CHAPTERS, BOOKS

- 1.**Boffa DJ**, Rusch V. Surgical techniques for nonseminomatous germ cell tumors metastatic to the lungs, *Chest Surg Clin N Am*. 2002 Nov; 12(4):739-48.
- 2.**Boffa DJ** and Rusch V. Surgical and multimodality approaches to the management of operable malignant mesothelioma. *Malignant Pleural Mesothelioma*, Oxford University Press, 2006.
- 3.Rice TW and **Boffa DJ**. Celiac Lymph Nodes and Esophageal Cancer, *Difficult Decisions in Thoracic Surgery: An Evidence-Based Approach*, Springer 2006.
- 4.**Boffa DJ**, Detterbeck F, Neoadjuvant Therapy for Esophageal Cancer, *Esophageal Tumors: Principles and Practice*, Demos Medical Publishing, New York 2009
- 5.**Boffa DJ**, *Transthoracic Esophagectomy* In: Atlas of Thoracic Surgical Procedures Zwischenberger JB (Ed). Elsevier 2010
- 6.**Boffa DJ**. Invited Commentary. *Ann Thorac Surg*. 2011; 92:224-225.
- 7.**Boffa DJ**. The Revised Stage Classification System for Primary Lung Cancer. *Clin Chest Med*. 2011; 32(4):741-748.
- 8.**Boffa DJ**. Oncology for the Primary Care Provider “Principles of Cancer Diagnosis and Staging”. 2012 IN PRESS
- 9.Collins MJ and **Boffa DJ**. *Superior Vena Cava Syndrome*. In: Current Therapy in Thoracic and Cardiovascular Surgery. 2012 IN PRESS

Papers Submitted/In Press

1. Dhamija A, Dhamija A, Gould Rothberg B, Guo X, Kim AW, Wang Z, Detterbeck FC, **Boffa DJ**. Minimally invasive and open esophagectomies for cancer result in similar lymph node yields. Submitted to Ann Thorac Oncol 2012

2. **Boffa DJ**, Dhamija A, Kosinski AS, Kim AW, Detterbeck FC, Mitchell JD, Onaitis MW, Subroto P. Fewer complications with video assisted approach to anatomic resection of clinical Stage I lung cancer. Under revision J Thorac Cardiovasc Surg 2013

3. Dhamija A, Dhamija A, Hancock J, McCloskey B, Kim AW, Detterbeck FC, **Boffa DJ**. Minimally invasive esophagectomy more expensive than open despite shorter length of stay. Eur J Thorac Cardiovasc Surg 2013 IN PRESS

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