

CURRICULUM VITAE

For Permanent Record and the Appointments, Promotions and Tenure Committee

DUKE UNIVERSITY MEDICAL CENTER

Date Prepared: March 22, 2023

Name: Thomas A. D'Amico, M.D.

Present academic rank and title: Gary Hock Endowed Professor of Surgery

Other Current appointments:

Section Chief General Thoracic Surgery, Division of Thoracic Surgery (2010)

Director, Thoracic Oncology Program, Duke Cancer Institute (2011)

First Duke Faculty appointment: Assistant Clinical Professor of Surgery (July 1996)

Medical Licensure: North Carolina Medical License #00-36336 (January 1995)

Specialty Certification:

American Board of Surgery #40796 (1995; 2004)

American Board of Thoracic Surgery #6071 (1998, 2006, 2018)

Date of Birth: April 15, 1960

Place of Birth: Lynwood, California

Citizen of: United States

Education:

Tower Hill School, Wilmington, Delaware

1974-78

Harvard University, Cambridge, Massachusetts

1978-1982

A.B. (*Cum laude*)

College of Physicians & Surgeons, New York

1982-1987

M.D.

Scholarly Societies: Alpha Omega Alpha

Professional training:

Duke University Medical Center
Durham, North Carolina

Intern in Surgery

1987-88

Junior Assistant Resident in Surgery

1988-89

Research Fellow in Thoracic Surgery

1989-91

Senior Assistant Resident in Surgery

1991-93

Chief Resident in Surgery

1993-94

Resident in Thoracic Surgery

1994-96

Additional Training:

Memorial Sloan Kettering Cancer Center, New York, New York	Fellow in Thoracic Surgery	1996
Fuqua School of Business, Duke University	Physician Executive Leadership Program	1999
Kennedy School of Government/Harvard School of Public Health, Harvard University	Understanding the New World of Heath Care	1999

Academic Career:

Duke University Medical Center Durham, North Carolina	Assistant Clinical Professor of Surgery Associate Professor of Surgery (tenure) Professor of Surgery Gary Hock Endowed Professor	1996-2001 2002-2007 2007-2013 2013-present
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Publications

1. Refereed Journals

1. Meyers CH, Purut CM, D'Amico TA, Smith PK, Sabiston DC Jr, and Van Trigt P: Pulmonary arterial input impedance after single lung transplantation. *J Surg Res* 1992;52:459-65
2. Meyers CH, D'Amico TA, Peterseim DS, Jayawant AM, Steenbergen C, Sabiston DC Jr, and Van Trigt P: The effects of triiodothyronine and vasopressin on cardiac function and myocardial blood flow after brain death. *J Heart Lung Transplant* 1993;12:68-80
3. Meyers CH, D'Amico TA, Peterseim DS, Uppal R, Purut CM, Smith PK, Sabiston DC Jr, and Van Trigt P: The efficiency of pulmonary blood transport following single lung transplantation. *J Surg Res* 1993;54:286-92
4. Peterseim DS, Meyers CH, Craig DM, Campbell KA, D'Amico TA, and Van Trigt P: Improved tolerance of the pediatric myocardium to brain death. *J Heart Lung Transplant* 1993;12:S236-40
5. D'Amico, TA: Treatments for Nonresectable Lung Cancers. *Curr Surg* 1993; 50:171
6. Peterseim DS, Chestnut, LC, Meyers CH, D'Amico TA, and Van Trigt P: Stability of the beta-adrenergic receptor/adenyl cyclase pathway of pediatric myocardium after brain death. *J Heart Lung Transplant* 1994;13:635-40

7. Lucke JC, Elbeery JR, Koutlas TC, Gall SA Jr, D'Amico TA, Maier GW, Rankin JS, and Glower DD: Effects of cardiac glycosides on myocardial function and energetics in conscious dogs. *Am J Physiol* 1994;267:H2042-H2049
8. D'Amico TA, Meyers CH, Peterseim DS, Sabiston DC Jr, Van Trigt P, and Schwinn DA: Desensitization of myocardial β -adrenergic receptors after brain death. *J Thorac Cardiovasc Surg* 1995;110:746-751
9. Lau CL, Palmer SM, D'Amico TA, Tapson VF, Davis RD: Lung transplantation at Duke University Medical Center. *Clinical Transplants* 1998:327-340
10. Palmer SM, Steele MP, Lawrence CM, Petersen A, D'Amico TA, Davis, RD, and Tapson, VF Gastroesophageal reflux is an important cause of allograft dysfunction in lung transplant recipients. *J Heart Lung Tranpl* 1999;18:51
11. Wood, KA, Palmer, SM, Govert JA, Baz MD, Steele, MP, Davis RD, D'Amico TA, and Tapson, VF: Outcomes of lung transplant recipients with respiratory ventilation requiring mechanical ventilation. *Resp Crit Care Med* 1999;159:A54
12. D'Amico TA, Massey M, Herndon JE II, Moore MB, and Harpole, DH: A biological risk model for stage I lung cancer: Immunohistochemical analysis of 408 patients with the use of ten molecular markers. *J Thorac Cardiovasc Surg* 1999;117:736-43
13. Lau CL, Bentley RC, Gockerman JP, Que LG, and D'Amico TA: Malignant melanoma presenting as a mediastinal mass. *Ann Thorac Surg* 1999 67:851-852
14. Grichnik KP, Ijsselmuiden AJ, D'Amico TA, Harpole DH, White WD, Blumenthal JA, Newman MF: Cognitive decline after noncardiac operations: A preliminary prospective study. *Ann Thorac Surg* 1999;68:1786-1791
15. Bhagat R, Archer L, Sporn T, D'Amico TA, Fulkerson WJ: Undiagnosed chronic exudative pleural effusion. *Chest* 1999;116:412-413a
16. Mosca PJ, Morse MA, D'Amico TA, Crawford J, Lyerly HK. Gene therapy for lung cancer. *Clinical Lung Cancer* 2000;1:218-226
17. D'Amico TA, Aloia TA, Herndon J E, Moore MB, Brooks K, Lau CL and Harpole DH: Molecular biologic substaging in patients with stage I non-small cell lung cancer: Risk stratification according to gender and histologic subtype. *Ann Thorac Surg* 2000;69:882-886
18. D'Amico TA, Harpole DH Molecular biology of esophageal cancer. *Chest Surg Clin North Am* 2000;10:451-469
19. Morse MA, Bossen E, D'Amico TA, Williamson W, Johnson R. Myxoid liposarcoma of the supraclavicular fossa. *Chest* 2000;117:1518-1520

20. Shah AS, Forbess JM, Skaryak LA, Lilly RE, Vaslef SN, D'Amico TA. Emergent thoracotomy for airway control after intrathoracic tracheal injury. *J Trauma* 2000;48:1163-64
21. Lau CL, Palmer S, Posther KE, Reinsmoen N, Howell D, Massey HT, Tapson VF, D'Amico TA, and Davis RD: Influence of panel-reactive antibodies on post-transplant outcomes in lung transplant recipients. *Ann Thorac Surg* 2000;69:1520-1524
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23. Aloia TA, Harpole DH, Reed CE, Alegra C, Moore MB, Herndon JE, D'Amico TA. Tumor marker expression is predictive of survival in patients with esophageal cancer. *Ann Thorac Surg* 2001;72:859-866
24. D'Amico TA, Aloia TA, Moore MB, Conlon DH, Herndon JE, Kinch MS, and Harpole DH. Predicting the sites of metastases from lung cancer using molecular biologic markers. *Ann Thorac Surg* 2001; 72:1144-1148
25. Markert ML, Alvarez-McLeod AP, Sempowski GD, Hale LP, Horvatinovich JM, Weinhold KJ, Bartlett JA, D'Amico TA, and Haynes BF: Thymopoiesis in HIV-infected adults after highly active antiretroviral therapy. *AIDS Research & Human Retroviruses* 2001;17:1635-43
26. D'Amico TA. Molecular biologic staging of non-small cell lung cancer. *J Thorac Cardiovasc Surg* 2002;123:409-410
27. D'Amico TA, Wong TZ, Harpole DH, Brown SD, Coleman RE. Impact of CT-PET fusion in staging patient with thoracic malignancies. *Ann Thorac Surg* 2002; 74:160-3
28. Daniels LJ, Balderson SS, Onaitis MW, D'Amico TA: Thoracoscopic lobectomy: A safe and effective strategy for patients with stage I lung cancer. *Ann Thorac Surg* 2002; 74:860-864
29. Lau CL. Moore MB. Brooks KR. D'Amico TA. Harpole DH Jr. Molecular staging of lung and esophageal cancer. *Surgical Clinics of North America*. 2002;82:497-523
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31. Joshi MB. D'Amico TA. Harpole DH Jr. Molecular biologic substaging of stage I NSCLC through immunohistochemistry performed on formalin-fixed, paraffin-embedded tissue. *Methods in Molecular Medicine* 2003;75:369-88
32. D'Amico TA. Local control without resection. *J Thorac Cardiovasc Surg* 2003; 125: 787-788

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34. Gonzalez-Stawinski GS, Lemaire A, Merchant FM, O'Halloran EK, Harpole DH, D'Amico TA. A comparative analysis of positron emission tomography and mediastinoscopy in staging patients with non-small cell lung cancer. *J Thorac Cardiovasc Surg* 2003; 126: 1900-5
35. D'Amico TA. Preoperative pulmonary function as a prognostic factor for stage I non-small cell lung cancer (Editorial) *Ann Thorac Surg* 2004: 77:1902-3
36. D'Amico TA. Value of intraoperative pleural lavage in staging non-small cell lung cancer. *J Thorac Cardiovasc Surg* 2004; 127:947-8
37. Haney JC, D'Amico TA. Transhiatal esophagogastrectomy for an isolated ovarian cancer metastasis to the esophagus. *J Thorac Cardiovasc Surg* 2004: 127; 1835-36
38. D'Amico TA. Angiogenesis in non-small cell lung cancer. *Seminars in Thoracic and Cardiovascular Surgery* 2004; 16 13-18
39. Atkins BZ, Shah AS, Hutcheson KA, Mangum JH, Pappas TN, Harpole DH, D'Amico TA. Improving outcomes following esophagogastrectomy: Importance of pulmonary complications. *Ann Thorac Surg* 2004; 78:1170-6.
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41. Burfeind WR, D'Amico TA. Thoracoscopic Lobectomy. *Operative Techniques in Thoracic and Cardiovascular Surgery* 2004; 9: 98-114
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45. Lemaire A, Burfeind WR, Toloza E, Balderson S, Peterson RP, Harpole DH, D'Amico TA. Outcomes of tracheobronchial stents in patients with malignant airway disease. *Ann Thorac Surg* 2005; 80: 434-438
46. Kahn D, Zhou S, Ahn S-J, Hollis D, Xiaoli Y, D'Amico TA, Shafman TD, Marks LB. Anatomically-correct dosimetric parameters are better predictors for esophageal toxicity

- than are traditional CT-based metrics. *International Journal of Radiation Oncology Biology Physics* 2005; 62: 645-651
47. D'Amico TA Molecular staging and the selection of therapy for non-small cell lung cancer. *Seminars in Thoracic and Cardiovascular Surgery* 2005; 17(3):180-5
 48. D'Amico TA, Atkins BZ. Controversial issues regarding the use of induction chemotherapy for lung cancer. *Seminars in Thoracic and Cardiovascular Surgery* 2005; 17:191-4
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 50. Toloza EM, D'Amico TA. Targeted therapy for non-small cell lung cancer. *Seminars in Thoracic & Cardiovascular Surgery* 2005; 17:199-204
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 52. D'Amico TA. Robotics in thoracic surgery: Applications and outcomes (editorial). *J Thorac Cardiovasc Surg* 2006; 131:19-20
 53. Atkins BZ, D'Amico TA. Respiratory Complications after Esophagectomy. *Thoracic Surgery Clinics* 2006;16:35-48
 54. Hill SE, Keller RA, Stafford-Smith M, Grichnik KA, White WD, D'Amico TA, Newman MF. Efficacy of single-dose, multi-level paravertebral nerve blockade for analgesia after thoroscopic procedures. *Anesthes* 2006 104:1047-53
 55. D'Amico TA. Predicting post-operative recurrence after resection for lung cancer (commentary). *Ann Thorac Surg* 2006; 81:1027
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 57. Petersen RP, Pham DK, Toloza EM, Burfeind WR, Harpole DH, Hanish SI, D'Amico TA: Thoroscopic lobectomy: a safe and effective strategy for patients receiving induction therapy for non-small cell lung cancer. *Ann Thorac Surg* 2006; 82:214-219
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65. Petersen RP, D'Amico TA. Molecular and genetic markers in thoracic surgery (Key references). *Ann Thorac Surg* 2006; 82:2335-6
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73. Petersen RP Thoracoscopic lobectomy facilitates the delivery of adjuvant chemotherapy after resection for non-small cell lung cancer. *Ann Thorac Surg* 2007; 83: 1245-1250.
74. Atkins BZ, Harpole DH, Mangum JH, Toloza EM, D'Amico TA, Burfeind WR. Pulmonary segmentectomy by thoracotomy or thoracoscopy: reduced hospital length of stay with a minimally-invasive approach. *Ann Thorac Surg* 2007; 84:1107-1113
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81. D'Amico TA. Positron emission tomography in esophageal cancer (Editorial). *Gastrointestinal Cancer Research* 2008; 2: 35-37
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83. Ettinger DS, Akerly W, Bepler G, Chang A, Cheney RT, Chirieac LR, D'Amico TA, et al. National Comprehensive Cancer Network (NCCN). Non-small cell lung cancer clinical practice guidelines in oncology. *Journal of the National Comprehensive Cancer Network* 2008; 6:228-269
84. Myerson SL, D'Amico TA. Intrathoracic desmoid tumor: brief report and review of literature. *Journal of Thoracic Oncology* 2008; 3: 656-659
85. D'Amico TA. Long-Term Outcomes of Thoracoscopic Lobectomy. *Thoracic Surgery Clinics* 2008; 18:259-262
86. D'Amico TA. Surgery for esophageal cancer. *Gastrointestinal Cancer Research* 2008; 2 (suppl): S6-9

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92. Balderson SS, D'Amico TA. Thoracoscopic lobectomy for the management of non-small cell lung cancer. *Current Oncology Reports* 2008;10(4):283-6
93. Pham D, D'Amico TA. Thoracoscopic Segmentectomy. *Operative Techniques in Thoracic and Cardiovascular Surgery* 2008; 13: 188-203
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105. Erhunmwunsee L, D'Amico TA. Surgical management of pulmonary metastases. *Ann Thorac Surg* 2009;88:2052-2060
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5. Abstracts

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3. Lucke JC, Koutlas TC, Gall SA, D'Amico TA, Glower DD, and Rankin JS: Effects of global ischemia on the metabolic to mechanical energy transfer characteristics of the left ventricle. *Surg Forum* 1990;41:254-257
4. D'Amico TA, Koutlas TC, Buchanan SA, Lucke JC, Gall SA, Soto PF, Lilly RE, and Van Trigt P: Twelve hour preservation with University of Wisconsin Solution. *Circulation* 1990;82:III-255
5. D'Amico TA, Buchanan SA, Gall SA, Spritzer CE, Charles C, Negro-Vilar R, Berry JJ, and Van Trigt P: Diagnosis of cardiac allograft rejection using positron emission tomography and magnetic resonance spectroscopy. *Circulation* 1990;82:III-613
6. Koutlas TC, D'Amico TA, Lucke JC, Gall SA, Buchanan SA, Lilly RE, Glower DD, and Rankin JS: Blood cardioplegia reperfusion: A randomized study of ventricular recovery after ischemia. *Circulation* 1990;82:III-589
7. Koutlas TC, Gall SA, Lucke JC, D'Amico TA, Lilly RE, Soto PF, Rankin JS, and Glower DD: The effect of physiologic growth on LV chamber geometry and intrinsic myocardial performance. *Circulation* 1990;82:III-152
8. Lucke JC, Koutlas TC, D'Amico TA, Lilly RE, Soto PF, Elbeery JR, and Rankin, JS: Effects of inotropic state on energetics: Comparison of isolated and intact models. *Circulation* 82:1990;III-564
9. D'Amico TA, Koutlas TC, Meyers CH, Buchanan SA, Rajasinghe H, and Van Trigt P: Systolic function and diastolic mechanics after twelve-hour cardiac preservation with University of Wisconsin solution. *Surg Forum* 1991;42:295-297
10. D'Amico TA, Meyers CH, Buchanan SA, Rajasinghe H, Koutlas TC, and Van Trigt P: The preservation of cardiac function after brain death by dopamine, naloxone, and vasopressin. *Surg Forum* 1991;42:302-304
11. Purut CM, D'Amico TA, Meyers CH, Van Trigt P, and Smith PK: Hemodynamics during unilateral pulmonary artery occlusion. *Circulation* 1991;84:II-526
12. D'Amico TA, Schwinn DA, Meyers CH, Sabiston DC Jr, and Van Trigt P: Desensitization of myocardial β -adrenergic receptors after brain death. *Surg Forum* 1992;43:249
13. Harpole DH, Moore MB, Aloia TA, Sporn TA, Conlon DH, Wolfe WG, and D'Amico TA: Molecular markers of treatment resistance or sensitivity in esophageal cancer patients. *Proc Am Soc Clin Oncol* 1999;18:387a

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15. Aloia TA, Massey MF, Joshi MM, Volmer RT, Harpole DH, D'Amico TA. Molecular biologic markers predict the development of cerebral metastases in patients with stage I non-small cell lung cancer. Surgical Forum 1999; 50:159-161
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17. Aloia TA, Moore MB, Herndon JE, Harpole DH, D'Amico TA: Molecular biologic substaging of lung cancer: Identification of bone marrow markers. Surgical Forum 2000;51
18. Swanson SJ, Herndon J, D'Amico TA, Demmy TL, McKenna RJ, Green M, et al. Results of CALGB 39802: Feasibility of VATS Lobectomy for Lung Cancer. Proc Am Soc Clin Oncol 2002;21:290a
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20. Harpole DH, Moore M-B, Petersen R, Miller C, Conlon D, Brooks K, D'Amico TA. Monitoring tumor markers in serial sera predicts disease failure in lung cancer patients following surgery. Proc Am Soc Clin Oncol 2005; 24:Abstract 7040
21. Jaklitsch MT, Gu L, Harpole DH, D'Amico TA, et al. Prospective phase II trial of pre-resection thoracoscopic (VATS) restaging following neoadjuvant therapy for IIIA(N2) non-small cell lung cancer (NSCLC): Results of CALGB 39803. Proc Am Soc Clin Oncol 2005; 24: Abstract 7065
22. Moore M-B, Petersen R, Miller C, Conlon D, Brooks K, D'Amico TA, Harpole DH.. IASLC, Barcelona, Abstract 278
23. Onaitis MO, Petersen RP, Haney JC, Saltz L, Park B, Flores R, Rizk N, Bains MS, D'Amico TA, et al. Prognostic factors for recurrence after pulmonary resection of colorectal cancer metastases. Proc Am Soc Clin Oncol 2008
24. Demmy TL, Gu L, Burkhalter JE, Toloza EM, D'Amico TA, et al. In-dwelling catheters are superior to talc pleurodesis in the management of malignant pleural effusions. ASCO (submitted)
25. Ready N, Vlahovic G, Dunphy F, Barry W, et al. Implementing genomically-guided trials in Non-small Cell Lung Carcinoma (NSCLC) ASCO (submitted)

26. Zornosa C, Mamet R, Reid EM, Ettinger DS, et al. Utilization of adjuvant therapy among completely resected non-small cell lung cancer (NSCLC) patients in the National Comprehensive Cancer Network (NCCN) outcomes database project. *J Clin Oncol* 28:7s, 2010 (suppl; abstr 7017)
27. Vandergrift JL, et al. First-line systemic therapy in metastatic non-small cell lung cancer (mNSCLC) patients treated at national comprehensive cancer network (NCCN) institutions: An analysis from the NCCN oncology outcomes database project. ASCO (submitted)
28. Ferketich AK, Niland JC, Mamet R, Zornosa C, D'Amico TA, et al. The impact of smoking and smoking cessation on lung cancer survival. Presentation Chicago Symposium (2010).
29. Harpole D, Ballman KV, Oberg AL, Whiteley G, et al. Proteomic analysis for detection of NSCLC: Results of ACOSOG Z4031. ASCO (submitted)
30. Bickel KE, Niland JC, Mamet R, Zornosa CC, et al. Aggressive end-of-life (EOL) chemotherapy (CT) use in metastatic non-small cell lung cancer (mNSCLC): A national comprehensive cancer network (NCCN) outcomes database analysis. ASCO (submitted)
31. D'Alonzo RC, Bennett-Guerrero E, Podgoreanu M, D'Amico TA, et al. A randomized, double blind, placebo controlled clinical trial of the preoperative use of ketamine for thoracic surgery. *Anesthes Analg* 2008; 106 (Suppl); SCA 9
32. Harpole DH, Ballman V, Oberg AL, Whitely G, Cerfolio R, Keenan R, Jones DR, D'Amico TA, Shrager J, Putnam JB. Proteomic analysis for detection of NSCLC: Results of ACOSOG Z4031. ASCO 2011
33. Shah AA, Berry MF, Tzao C, Gandhi M, Worni M, Rajgpor D, Peitrobon R, D'Amico TA. Induction chemoradiotherapy is not superior to induction chemotherapy alone in patients with stage IIIA(N2) non-small cell lung cancer: a systematic review and meta-analysis. *J Thorac Oncol* 2011; 6 (Supp 2): S1578-9 (Abstract P4.290)
34. Higgins K, et al. Persistent N2 disease after neoadjuvant chemotherapy for non-small cell lung cancer. *WCLC* July 7, 2009
35. Whitten J, Mangum J, D'Amico TA, Broom J, et al. Response of diseased lung tissue to compression. ISMICS 2012.
36. Meltzer E, et al. Identification of an inflammatory variant of usual interstitial pneumonia; Implications for the prognosis and treatment of idiopathic interstitial pneumonia. American Thoracic Society; San Francisco, 2012.
37. Grogan EL, Deppen G, Andrade F, Verdail M, Aldrich H, Chen KV, et al. Accuracy of FDG-PET to diagnose lung cancer in the ACOSCOG Z4031 trial. ASCO (Submitted)
38. Dorth JA, Willett CG, D'Amico TA, Czito BG. Patterns of failure following trimodality therapy for locally-advanced esophageal cancer. ASCO (Submitted)

39. Kapadia NS, Bobiak S, Zornosa C, D'Amico TA, et al. Patterns of care for patients (pts) with stage I non-small cell lung cancer (NSCLC): Analysis of the National Comprehensive Cancer Network (NCCN) Oncology Outcomes Database, 2007-2011. Chicago Multidisciplinary Symposium in Thoracic Oncology Oct 2012.
40. Luu DC, D'Amico TA, Kalemkerian G, Koczywas M, et al. Retrospective Analysis of the Impact of Age on Overall Survival in Patients with Non-small Cell Lung Cancer, Chicago Multidisciplinary Symposium in Thoracic Oncology Oct 2012
41. Grogan EL, Deppen SA, Chen H, Ballman G, et al. FDG-PET avidity negatively impacts survival in pStage I NSCLC in the ACOSOG Z4031 trial. AACR submission
42. Wei B, D'Amico TA, Samad Z, Berry MF. The Impact of Pulmonary Hypertension on Morbidity and Mortality Following Major Lung Resection. Accepted for presentation at the 21st European Conference on General Thoracic Surgery, Birmingham UK, May 27, 2013
43. Berry MF, Worni M, Harpole DH, D'Amico TA, Onaitis MW. Performing Sleeve Lobectomy Instead of Pneumonectomy for Non-Small Cell Lung Cancer with N1 Nodal Disease Does Not Compromise Long-Term Survival. Accepted for presentation at the 21st European Conference on General Thoracic Surgery, Birmingham UK, May 28, 2013
44. Meneffee ME, D'Amico TA. A case of lung adenocarcinoma harboring both a KRAS mutation and an EML4-ALK fusion gene with response to crizotinib. WCLC 2013
45. Speicher PJ, Englum BR, Ganapathi AM, Onaitis MW, D'Amico TA, Berry MF. Adjuvant chemotherapy is associated with improved survival after esophagectomy without induction therapy for node-positive adenocarcinoma
46. Mallipeddi MK, Eltaraboulsi WR, Shoffner AR, Naqvi IA, D'Amico TA, Onaitis MW, Berry MF. When should surgeons begin surveillance with CT scans after lobectomy for stage 1A non-small cell lung cancer? DOI: 10.1200/jco.2014.32.15_suppl.7549 *Journal of Clinical Oncology* 32, no. 15_suppl (May 20 2014) 7549-7549.
47. Yang C-FJ, Speicher PJ, Gulack B, et al. The Impact of Malignant Pleural Mesothelioma Histologic Subtype on Outcomes in the SEER Database. Submitted ASCO
48. Tong BC, et al. Patient Preferences in Treatment Choices for Early Stage Lung Cancer. ASCO, 2015

6. Course Director Continuing Medical Education

Minimally Invasive Thoracic Surgery. Course Director, Duke University Medical Center, May 9, 1997

Advances in Thoracoscopy. Course Director, Duke University Medical Center, April 17, 1998

Progress in Thoracic Oncology. Course Director. White Sulphur Springs, West Virginia. March 25, 2000

Update in Oncology: Highlights of ASCO 2000. Course Director, Duke University Medical Center, Greensboro, North Carolina, June 16-17, 2000

Emerging Issues in Thoracic and Breast Oncology, Course Director, White Sulphur Springs, March 30-31, 2001

Update in Oncology: Highlights of ASCO 2001. Course Director, Duke University Medical Center, Greensboro, North Carolina, June 7-9, 2001

Progress in Thoracic, Ovarian, and Breast Oncology. Course Director, White Sulphur Springs, April 11-14, 2002

Progress in Thoracic Oncology. Course Director, White Sulphur Springs, April 10-13, 2003

Genomics and Thoracic Malignancy. Course Director. **American College of Surgeons**, October 22, 2003

Current Controversies in the Management of Non-small Cell Lung Cancer. Course Director, Duke-UNC-Bowman Gray, Greensboro, NC, November 7-8, 2003

Progress in Thoracic, Ovarian, and Breast Oncology. Course Director, White Sulphur Springs, April 2004

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, August 19-20, 2004

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, January 27-28, 2005

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, April 21-22, 2005

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, June 23-24, 2005

Progress in Thoracic, Ovarian, and Breast Oncology. Course Director, White Sulphur Springs, September 2005

NCCN Lung Cancer Guidelines, Duke University Medical Center, October 10, 2005

Thoracoscopic Lobectomy: Regional Symposium, Connecticut January 27, 2006

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, February 17, 2006

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, May 18, 2006

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, September 15, 2006

Co-Chair, Review Course in Cardiac and Thoracic Surgery for Certification and Maintenance of Certification Candidates. American College of Surgeons 92nd Clinical Congress, October 8-12, 2006

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, November 3, 2006

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, February 16, 2007

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Norwalk, CT, May 17-18, 2007

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, September 21, 2007

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, November 2, 2007

Thoracoscopic Lobectomy. Course Director, STS University, Annual Meeting of the Society of Thoracic Surgeons, January 30, 2008

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Duke University Medical Center, February 21-21, 2008

Looking to the Future of Thoracic Surgery. American Association of Thoracic Surgery, San Diego, May 11, 2008

Thoracoscopic Lobectomy and Lung Volume Reduction. Course Director, Norwalk, CT, May 22-23, 2008

Thoracoscopic Surgery Residents Course, Elancourt, France, July 23-25, 2008

Masters of Minimally Invasive Surgery. Duke at Disney, September September 18-19, 2008

STS University: Thoracoscopic Lobectomy. STS 45th Annual Meeting San Francisco, California, January 26-28, 2009

Thoracoscopic Lobectomy Course Director, Las Vegas, April 16, 2009

Thoracoscopic Lobectomy Course Director, Duke, April 29, 2009

AATS Thoracic Symposium. Pneumonectomy: A Treatment or Disease? Boston, Massachusetts, May 13, 2009

AATS-ESTS Postgraduate Course; Krakow, Poland, May 31, 2009

Brazilian Society for Thoracic Surgery Postgraduate Course, August 26, 2009

Masters in Minimally Invasive Surgery, Orlando, September 3-5, 2009

Thoracoscopic Lobectomy Course Director, McGill University, Montreal, October 13, 2009

Thoracoscopic Lobectomy Course Director, UCSF, October 23, 2009

Thoracoscopic Lobectomy Course Director, Duke, November 11, 2009

Conquering the Learning Curve, STS Symposium, STS Annual Meeting, Fort Lauderdale, January 25, 2010

STS-AATS Tech Con, STS Annual Meeting, Fort Lauderdale, January 23-24, 2010

Thoracoscopic Lobectomy Course Director, Northwestern University, April 3-4, 2010

Advances in Thoracoscopic Surgery, Natal, Brazil April 21, 2010

AATS Thoracic Symposium. Controversies in the Utilization of New Technology. Toronto, May 5, 2010

Thoracoscopic Lobectomy Course Director, Duke, May 19, 2010

Masters in Minimally Invasive Surgery, Orlando, Florida, September 2010

Thoracoscopic Lobectomy Course, MD. Anderson and The Methodist Hospital, Houston, Texas, November 2-3, 2010

Maquet Lung Cancer Symposium
San Jose, California, January 25-26, 2011

Thoracoscopic Lobectomy Course, San Francisco, January 26-27, 2011

Thoracoscopic Lobectomy Course Director, Duke University Medical Center, May 18, 2011

ESTS-AATS Biology Club, Marseille June 6, 2011

Respiratory Tract Cancers, NCCN 2011 Congress. Duke Cancer Institute, June 29, 2011

Thoracoscopic Lobectomy Course Director, Duke University Medical Center, January 11, 2012

Thoracoscopic Lobectomy Course Director, San Francisco, April 25, 2012

Masters in Minimally Invasive Thoracic Surgery, Orlando, Florida, September 23-24, 2012

American Association for Focus on Thoracic Surgery Lung Cancer Summit, November 16-18, 2012

Rome International Videoconference: Management of Pulmonary Metastases
May 8, 2013

Masters in Minimally Invasive Thoracic Surgery, Orlando, Florida, September 23-24, 2013

Thoracoscopic Lobectomy and Navigational Bronchoscopy Course, Methodist Hospital, October 1-2, 2013

Asian Masters in Minimally Invasive Thoracic Surgery, Shanghai, China, October 9-10, 2013

Thoracoscopic Lobectomy Course Director, Duke University Medical Center, October 22-23, 2013

Bolzano Thoracic Oncology Course, Bolzano, Italy, November 7-8, 2013

American Association for Thoracic Surgery Focus on Esophageal Cancer Summit, November 14-15, 2013

Thoracoscopic Lobectomy Course Director, Duke University Medical Center, June 3-4, 2014

European Society for Thoracic Surgery. Copenhagen, Denmark. June 14, 2014.
Masters Series in Thoracic Surgery

Masters in Minimally Invasive Thoracic Surgery, Orlando, Florida, September 24-25, 2014

AATS Focus on Lung Cancer, Boston, November 21-22, 2014

Thoracoscopic Lobectomy Course, Duke University Medical Center, April 14-15, 2015

3rd Asian Masters of Minimally Invasive Surgery, Shanghai, May 16-17, 2015

Gain 3.0 Lung Cancer Summit: ACCP/NCCN. Duke Cancer Institute, June 26, 2015

Immersion in Thoracic Surgery, Quebec, July 27-31, 2015

Masters in Minimally Invasive Thoracic Surgery, Orlando, Florida, September 25-26, 2015

AATS Focus on Thoracic Surgery, Boston, October 23-24, 2015

International Thoracoscopic Lobectomy Course, Dubai, November 4-7, 2015

Thoracoscopic Surgery Course, Laguna, November 13-14, 2015

Thoracoscopic Lobectomy Course, Methodist Hospital, Houston, February 17-18, 2016

Thoracoscopic Lobectomy Course, Duke University Medical Center, April 2016

AATS Ethics Course, Baltimore MD, May 2016

4th Asian Masters of Minimally Invasive Thoracic Surgery, Shanghai, July 1-6, 2016

Immersion in Minimally Invasive Thoracic Surgery, Quebec, July 25-30, 2016

FSF Fellows Course, August 26-28, 2016, Tampa

9th Masters in Minimally Invasive Thoracic Surgery, September 16-17, 2016

Medtronic Masters Course, San Diego, October 21-23, 2016

AATS Focus on Thoracic Surgery, Boston, October 28-29, 2016

MITIE VATS Lobectomy Course, Houston, February 8-9, 2017

Duke Thoracoscopic Lobectomy Course, Durham, NC, April 5, 2017

5th Asian Masters in Minimally Invasive Thoracic Surgery, Shanghai, June 3-4, 2017

AATS Focus in Thoracic Surgery: Beijing, June 30-July 2, 2017

Immersion in Minimally Invasive Thoracic Surgery, Quebec August 28-30, 2017

FSF Fellows Course, August 2017

10th Masters in Minimally Invasive Thoracic Surgery, September 22-24, 2017

Global Lung Summit February 2018

Immersion in Minimally Invasive Thoracic Surgery, Quebec, Sept 1-4, 2018

AATS Focus in Thoracic Surgery: Guangzhou, November 2018

6th Asian Masters in Minimally Invasive Thoracic Surgery, Shanghai, March, 2018

11th Masters in Minimally Invasive Thoracic Surgery, September, 2018

12th Masters in Minimally Invasive Thoracic Surgery, September, 2019

13th Masters in Minimally Invasive Thoracic Surgery, September, 2020

14th Masters in Minimally Invasive Thoracic Surgery, September, 2021

First Innovation Summit, Chicago, August 2022

15th Masters in Minimally Invasive Thoracic Surgery, October 6-8, 2022

Presentations

Clinical Trials in Thoracic Oncology. Grand Rounds, Department of Surgery, Duke University Medical Center, September 4, 1996

Molecular biology of lung cancer: Prognostic and therapeutic applications. Advances in Thoracic Oncology, Duke Oncology Consortium, Palm Beach, February 24, 1997

Advances in the Management of Esophageal Cancer. North Carolina American College of Surgeons, Asheville, NC, July 13, 1997

Surgical Staging of Lung Cancer. St. Barnabus Hospital, Livingston, New Jersey, October 22, 1997

Photodynamic Therapy for Thoracic Malignancies. Grand Rounds, Division of Cardiothoracic Surgery, Duke University Medical Center, February 25, 1998

Staging and Management of Esophageal Cancer. Grand Rounds, Department of Surgery, Duke University Medical Center, April 15, 1998

Molecular Biologic Substaging of Lung Cancer. Duke Comprehensive Cancer Center Thoracic Malignancies Symposium, June 12, 1998

Molecular Biologic Risk Model in Patients with Stage I Non-Small Cell Lung Cancer. Western Thoracic Surgical Association, Whistler, British Columbia, June 26, 1998

Management of Advanced Endobronchial Lung Cancer. ALCASE International Lung Cancer Conference, October 23, 1998

Role of Photodynamic Therapy, Endobronchial Stents, and Lasers in Patients with Locally Advanced Lung Cancer. Progress in Thoracic Oncology. Pinehurst, North Carolina, November 13, 1998.

Surgical Practice in a Managed Care Environment. Western Wake Medical Center, Raleigh, North Carolina, March 10, 1999.

Role of Photodynamic Therapy in Patients with Locally Advanced Lung Cancer. North Carolina Gastrointestinal Nurses Association, Rex Hospital, Raleigh, North Carolina, April 10, 1999.

Surgical Staging of Lung Cancer. Grand Rounds, Division of Medical Oncology, Duke University Medical Center, May 24, 1999.

Molecular Biologic Substaging of Lung Cancer. Grand Rounds, Department of Radiation Oncology, Duke University Medical Center, June 10, 1999.

Molecular Biology of Lung Cancer. Grand Rounds, Division of Cardiothoracic Surgery, University of Maryland, Baltimore, Maryland, September 2, 1999.

Photodynamic Therapy for Thoracic Malignancies. Grand Rounds, Department of Medicine, Duke University Medical Center, Durham, North Carolina, October 1, 1999

Surgical Treatment of Granulomatous Infections: Aspergillosis, Mucormycosis, and Candida. American College of Surgeons, San Francisco, California, October 18, 1999.

Surgical Staging of Lung Cancer. Western North Carolina Cancer Conference, Asheville, North Carolina, October 23, 1999

Molecular Biology of Thoracic Malignancies. **Grand Rounds, Division of Cardiothoracic Surgery, University of Pittsburgh,** Pittsburgh, Pennsylvania, October 27, 1999

Thoracoscopic Lobectomy. **American College of Chest Physicians,** Chicago, Illinois, November 2, 1999.

Molecular Biologic Substaging in Patients with Stage I Non-Small Cell Lung Cancer: Risk Stratification According to Sex and Histologic Subtype. **Southern Thoracic Surgical Association,** Puerto Rico, November 5, 1999

Management of the Lung Cancer Patient. Grand Rounds, Wake Medical Center. Raleigh, North Carolina, December 7, 1999

Staging and Management of the Lung Cancer Patient. Grand Rounds, Sibley Memorial Hospital, Washington DC, February 17, 2000

Progress in Lung Cancer. Baptist Hospital, Louisville, Kentucky, March 14, 2000

Molecular Biologic Markers in Patients with Lung Cancer and Isolated Cerebral Metastases, **Society of Surgical Oncology,** New Orleans, Louisiana, March 17, 2000

Role of Photodynamic Therapy, Endobronchial Stents, and Lasers in Patients with Locally Advanced Lung Cancer. Progress in Thoracic Oncology. White Sulphur Springs, West Virginia. March 25, 2000

Serum markers in localized non-small cell lung cancer. **American Association for Cancer Research.** San Francisco, California, April 4, 2000

Photodynamic Therapy for Endobronchial Lung Cancer. Society for Lasers in Medicine Surgery. Reno, Nevada, April 5, 2000

Management of Locally Advanced Lung Cancer. **Grand Rounds, University of Alabama. Birmingham,** Alabama, April 14, 2000

Molecular Biologic Substaging of Thoracic Malignancies. **Grand Rounds, Division of Cardiothoracic Surgery,** Duke University Medical Center. April 22, 2000

Photodynamic Therapy for Locally Advanced Lung Cancer. University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, May 13, 2000

Surgical Staging of Lung Cancer. **Grand Rounds, Division of Cardiothoracic Anesthesia,** Duke University Medical Center. May 23, 2000

Progress in Lung Cancer. Grand Rounds, Western Wake Medical Center, Raleigh, North Carolina, June 14, 2000.

Staging and Management of Esophageal Cancer. **Grand Rounds, Division of Gastroenterology,** Duke University Medical Center, September 7, 2000

Locally Advanced Lung Cancer: Role of Endobronchial Therapy. St. Mary's Regional Hospital Oncology Symposium, Huntington, West Virginia, September 15, 2000

Surgical Staging of Lung Cancer. Women's Cancer. Duke University Comprehensive Cancer Center, Greensboro, North Carolina, October 13, 2000

Duke Comprehensive Cancer Center: The Future. Grand Rounds, Department of Surgery, Duke University Medical Center, October 18, 2000

Screening, Staging, and Surgery. Grand Rounds, Department of Radiation Oncology, Duke University Medical Center, November 14, 2000

Integrative Medicine and Cancer. 5th Annual Integrative Medicine Conference, Durham, North Carolina, November 18, 2000

Staging and Management of Mediastinal Malignancies. Thoracic Surgery Course, **American College of Chest Physicians**, December 7, 2000

Preoperative Evaluation and Postoperative Care of the Lung Cancer Patient. Thoracic Surgery Course, **American College of Chest Physicians**, December 8, 2000

Predicting the Sites of Metastases From Lung Cancer Using Molecular Biologic Markers. **Society of Thoracic Surgeons**, New Orleans, LA, January 31, 2001

Advances in Thoracic Surgical Oncology. Emerging Issues in Thoracic and Breast Oncology, Course Director. The Greenbrier, White Sulphur Springs, March 30-31, 2001

VATS and Mediastinoscopy: Indications, Technical Aspects, and Complications, Pulmonary Fellows Conference, Duke University Medical Center, May 1, 2001

Photodynamic Therapy for Locally Advanced Lung Cancer. University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, May 12, 2001

Photodynamic Therapy for Esophageal Cancer. University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, May 12, 2001

PET, Screening, VATS for Lung Cancer. University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, May 12, 2001

Advances in Lung Cancer. Grand Rounds, Division of Cardiothoracic Anesthesia, Duke University Medical Center, June 12, 2001

Progress in Lung Cancer. Grand Rounds, Department of Anesthesia, Duke University Medical Center, October 3, 2001

Molecular Determinants of Prognosis in Non-Small Cell Lung Cancer. American College of Surgeons 87th Annual Clinical Congress, New Orleans, October 12, 2001

Thoracoscopic Lobectomy: A safe and effective strategy for patients with stage I lung cancer. Southern Thoracic Surgical Association, San Antonio, November 7, 2001.

Impact of CT-PET Fusion in Staging Patients with Thoracic Malignancies. Southern Thoracic Surgical Association, San Antonio, November 9, 2001.

Evaluation of chemotherapy resistance markers in patients with stage III non-small cell lung cancer. **Southern Thoracic Surgical Association**, San Antonio, November 8, 2001.

Molecular Biology of Esophageal Cancer. **Grand Rounds**, Division of Thoracic Surgery, Department of Surgery, Centre Hospitalier de l'Université de Montréal, Montréal, Quebec, Canada, November 15, 2001

Molecular Biology of Lung Cancer. **General Thoracic Surgery Club**, Tucson, Arizona, March 9, 2002

Developing a Strategy for the Management of Early Stage Lung Cancer. **Grand Rounds, Department of Surgery, University of Minnesota**, Minneapolis, March 12, 2002

The Role of Thoracoscopic Lobectomy in the Management of Stage I Non-Small Cell Lung Cancer. Progress in Lung Cancer, **University of Minnesota**, Minneapolis, March 12, 2002

Advances in Thoracic Surgical Oncology. Progress in Thoracic, Ovarian, and Breast Oncology. The Greenbrier, White Sulphur Springs, April 12, 2002

Staging and Management of Lung Cancer. **Grand Rounds, Division of Oncology**, Duke University Medical Center, April 15, 2002

Staging and Management of Lung Cancer. **Grand Rounds, Department of Pathology**, Duke University Medical Center, April 26, 2002

Surgical Options in the Palliation of Esophageal Cancer. **American Association for Thoracic Surgery**, Postgraduate Course, Washington, DC, May 5, 2002

A Comparative Analysis Of Positron Emission Tomography And Mediastinoscopy In Staging Patients With Non-Small Cell Lung Cancer. **American Association for Thoracic Surgery**, Plenary Session, Washington, DC, May 7, 2002

Role of Surgery for Lung Cancer. **University of Cincinnati**, Cincinnati, Ohio, June 1, 2002

Photodynamic Therapy for Locally Advanced Lung Cancer
Barrett's Esophagus and Esophageal Cancer
Staging Lung Cancer: The Role of Thoracoscopy and PET
University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, June 8, 2002

Molecular Biologic Staging of Lung Cancer. **Third Annual Lung Cancer Congress**, Hawaii, June 26, 2002

Barrett's Esophagus. Tumor Board, Northeast Medical Center, Concord, NC, June 9, 2002.

Clinical Applications of PET in Lung Cancer. St. Joseph's Hospital, Atlanta, Georgia, September 12, 2002

PET in Lung Cancer: A Surgeon's Perspective. **Society of Nuclear Medicine**, Orlando, Florida, September 13, 2002

Strategies in the Management of Patients with Early Stage Lung Cancer. **Grand Rounds, Department of Surgery, Asheville VA Medical Center**, Asheville, North Carolina, October 16, 2002

Thoracoscopic Lobectomy. **University of Pittsburgh Medical Center**, Pittsburgh, Pennsylvania, October 18-19, 2002

Thoracoscopic Lobectomy. **First International Lung Cancer Conference.** Beijing, China. October 27-30, 2002

Molecular Biologic Staging of Lung Cancer. **Grand Rounds, Department of Surgery, Southern Illinois University**, Springfield, Illinois, November 14, 2002

Molecular Biology of Lung Cancer. **University of California San Francisco**, San Francisco, California, November 15-16, 2002

Esophageal Cancer. Cleveland Regional Medical Center, Shelby, North Carolina, November 19, 2002

Molecular Biologic Staging of Lung Cancer. **New Jersey American College of Surgeons, Princeton, NJ**, December 7, 2002

Molecular Biologic Staging of Esophageal Cancer. **Grand Rounds, Division of Gastroenterology**, Duke University Medical Center, December 12, 2002

Surgical Options for Patients with Giant Paraesophageal Hernia. Gastroesophageal Reflux Disease Conference. Resort at Squaw Creek in Lake Tahoe, California, February 18, 2003

Current and Future Indications for Positron Emission Tomography in the Staging of Patients with Lung Cancer. **General Thoracic Surgery Club**, Naples, Florida, March 7, 2003

Advances in Thoracic Surgical Oncology. Progress in Thoracic, Ovarian, and Breast Oncology. The Greenbrier, White Sulphur Springs, April 11, 2003

Thoracoscopic Lobectomy. Department of Surgery, Mt.Sinai Medical Center, New York, NY, May 2, 2003

Evolving Methods in Residency Training. AATS Symposium. Boston, Massachusetts, May 3, 2003

*Photodynamic Therapy for Locally Advanced Lung Cancer
Barrett's Esophagus and Esophageal Cancer*
University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, June 7, 2003

Advances in Lung Cancer. ASCO Highlights. Greensboro, NC, June 20, 2003

Evolution of Surgery for Lung Cancer. 6th Annual Cardiothoracic Update Course. Department of Anesthesia, Duke University Medical Center, June 23, 2003

The Effect of ACGME Regulations on Training in Cardiothoracic Surgery. **Cardiothoracic Surgery Grand Rounds**, Duke University Medical Center, September 3, 2003

Current Management of Esophageal Cancer. North Carolina Chapter, American College of Surgeons. Durham, NC, October 3, 2003

Visiting Professor. University of Virginia, Charlottesville, Virginia, October 6-8, 2003
Thoracoscopic Lobectomy. Residents' Conference, October 7, 2003

Molecular Staging of Thoracic Malignancies. Grand Rounds, Department of Surgery, University of Virginia, Charlottesville, Virginia, October 8, 2003

Genomics and Thoracic Malignancy: The Genomics of Esophageal Cancer. **American College of Surgeons**, Chicago, IL, October 22, 2003

Surgery in the Lung Cancer Patient. International Oncology Network Annual Lung Cancer Symposium. New York, NY, October 25, 2003

Thoracoscopic Lobectomy. Advances in Lung Cancer, University of Louisville, Louisville, Kentucky, October 30, 2003

Evolution in the Surgical Management of Lung Cancer. **Grand Rounds, Division of Cardiothoracic Anesthesia**, Duke University Medical Center, November 11, 2003

Surgery for Resectable Lung Cancer, Current Controversies in the Management of Non-small Cell Lung Cancer. Duke-UNC-Bowman Gray, Greensboro, NC, November 8, 2003

Progress in the Treatment of Lung Cancer. Raleigh Community Hospital, November 19, 2003

Advances in the Management of Early Stage Lung Cancer. Hilton Head Medical Society, Hilton Head, South Carolina, January 13, 2004

Advances in the Management of Early Stage Lung Cancer Jupiter Hospital Oncology Symposium, Jupiter, Florida, February 5, 2004

Advances in Lung Cancer Care. Duke Naples Health Forum, Naples, Florida, March 16, 2004

Advances in the Management of Early Stage Lung Cancer, Halifax Cancer Center, Dayton, Florida, April 21, 2004

Advances in Thoracic Surgical Oncology. Progress in Thoracic, Ovarian, and Breast Oncology. The Greenbrier, White Sulphur Springs, April 17, 2004

Thoracoscopic Lobectomy. American Association for Thoracic Surgery, Toronto, Ontario April 25, 2004

Visiting Professor. Department of Thoracic Surgery, Toronto General Hospital, Toronto, Ontario April 28-30, 2004

Molecular Staging of Lung Cancer
Thoracoscopic Lobectomy

Visiting Professor. Department of Surgery, University of Oregon May 20-24, 2004

Molecular Staging of Lung Cancer
Thoracoscopic Lobectomy
Residency Training in Cardiothoracic Surgery

International Society for Diseases of the Esophagus (Invited Faculty)

Advances in Lung Cancer. ASCO Highlights. Greensboro, NC, June 18, 2004

Current Strategies in the Management of Pleural Effusions. Multinational Association for Supportive Care in Cancer. Miami, Florida, June 26, 2004

Thoracoscopic Lobectomy. American College of Surgeons 90th Clinical Congress. New Orleans, Louisiana, October, 11, 2004

Esophageal Cancer: Gastric-Pulmonary Fistula. Esophageal Surgery Club. New Orleans, Louisiana, October, 13, 2004

Pan Pacific Lung Cancer Conference/10th Annual Scientific Symposium of the Hong Kong Cancer Institute, November 5-8, 2004

Contemporary General Thoracic Surgery. Barnes Hospital, Washington University School of Medicine, November 11-12, 2004

Molecular Staging

Thoracoscopic Lobectomy

Reducing Morbidity and Mortality after Esophagogastrectomy

VATS Restaging

American College of Chest Physicians, Phoenix Arizona, December 10-11, 2004.
Esophageal Perforation, Chylothorax, Myasthenia Gravis

Residency Training in Thoracic Surgery. Society of Thoracic Surgeons, Tampa, January 22, 2005

Adjuvant Therapy for Lung Cancer. Society of Thoracic Surgeons, Tampa, January 26, 2005

Lung Volume Reduction. Society of Thoracic Surgeons, Tampa, January 26, 2005

Genomics in the Staging of Patients with Lung Cancer. General Thoracic Surgery Club, Naples, Florida, March 13, 2005

Photodynamic Therapy for Locally Advanced Lung Cancer

Thoracoscopic Lobectomy

University of Pittsburgh Medical Center Minimally Invasive Surgery Course, Steamboat Springs, Colorado, March 23, 2005

Thoracoscopic Lobectomy. Atlanta Lung Cancer Conference, April 1, 2005

Thoracoscopic Lobectomy. Visiting Professor, University of Vermont, May 19, 2005

Improving Outcomes for Surgery for Esophageal Cancer. 8th Annual Cardiothoracic Update Course. Department of Anesthesia, Duke University Medical Center, June 27, 2005

Thoracoscopic Lobectomy. International Association for the Study of Lung Cancer: World Lung Cancer Conference, Barcelona, Spain, July 6, 2005

Advances in Surgery for Esophageal Cancer. International Society of Gastrointestinal Oncology (ISGIO), July 14, 2005, Arlington, VA

Surgery for Early Stage Lung Cancer. Progress in Thoracic, Ovarian, and Breast Oncology. Course Director, White Sulphur Springs, September 2005

Management of Stage I-III Non-Small Cell Lung Cancer. National Comprehensive Cancer Network Regional Symposium, Durham, October 10, 2005

Esophageal Resection and Outcomes. American College of Surgeons, October 18, 2005, San Francisco

Thoracoscopic Lobectomy. University of Pittsburgh, October 21, 2005

Evaluation and Management of the Solitary Pulmonary Nodule. American College of Chest Physicians. Montreal, Canada October 30, 2005

*Thoracoscopic Lobectomy and Management of Pulmonary Metastases
Florida Hospital Cancer Institute, Orlando, November 15, 2005*

Visiting Professor, **Roswell Park Cancer Center**, November 8-9, 2005
Thoracoscopic Lobectomy. Surgical Grand Rounds, November 8, 2005
Molecular Staging of Thoracic Malignancies. Cancer Center Grand Rounds, November 9, 2005

Management of Stage I-III Non-Small Cell Lung Cancer. National Comprehensive Cancer Network Regional Symposium, New York, November 30, 2005

*Thoracoscopic Lobectomy and Molecular Staging for Early Stage Lung Cancer
5th Annual Oncology Conference, Jupiter Medical Center, January 21, 2006*

*Photodynamic Therapy for Esophageal Malignancy: Society of Thoracic Surgeons:
Technology in Thoracic Surgery, Chicago, January 29, 2006*

*Thoracoscopic Lobectomy: Society of Thoracic Surgeons: STS University, Chicago,
February 1, 2006*

*Molecular Biologic Staging of Thoracic Malignancy. Visiting Professor, Triservice
General Hospital, Taipei, Taiwan, March 24, 2006*

*Thoracoscopic Lobectomy. Taiwan Association of Surgery Annual Meeting
Taipei, Taiwan, March 25, 2006*

*Integrated Care of the Lung Cancer Patient. Visiting Professor, Sun Yat Sen Cancer
Center, Taipei, Taiwan, March 27, 2006*

*Advances in Surgical Management of Non-Small Cell Lung Cancer. Palm Beach Cancer
Symposium, April 6, 2006*

*Management of the Solitary Pulmonary Nodule. American Association for Thoracic
Surgery, General Thoracic Surgery Symposium. April 30, 2006*

Thoracoscopic Lobectomy. University of Pittsburgh, May 4, 2006

Thoracoscopic Lobectomy. Technology in Cardiothoracic Surgery: **Thoracic Surgery Directors Association**. Cincinnati, May 20, 2006

Review Course in Thoracic Surgery, Massachusetts General Hospital, May 25, 2006

Thoracoscopic Lobectomy: Not Just for Stage I Lung Cancer. **Grand Rounds, Department of Radiation Oncology**, Duke University Medical Center, July 18, 2006

Management of Stage I-III A Non-Small Cell Lung Cancer. **National Comprehensive Cancer Network Regional Symposium**, San Francisco, September 10, 2006

The Molecular Basis of Induction Therapy for Lung Cancer. **National Cancer Institute of Italy**: Vesuvian Thoracic Course, Naples, Italy, September 21, 2006

Thoracoscopic Lobectomy. **American College of Surgeons** Review Course in Thoracic Surgery, Chicago, Illinois, October 11, 2006

Evaluation and Management of the Solitary Pulmonary Nodule. **American College of Chest Physicians**. Salt Lake City, UT October 22, 2006

Preoperative Preparation for Pulmonary Resection. **American College of Chest Physicians**. Salt Lake City, UT October 22, 2006

Management of Stage I-III A Non-Small Cell Lung Cancer. **National Comprehensive Cancer Network Regional Symposium**, Houston, TX. November 17, 2006

Thoracoscopic Lobectomy. **Southern Thoracic Surgical Association**. Postgraduate Course in Thoracic Surgery, Tucson, AZ. November 9, 2006

Thoracoscopic Lobectomy: Duke Residents' Course, Society of Thoracic Surgeons, San Diego, CA. January 27, 2007

Proteomics and Genomics in Lung Cancer. **Society of Thoracic Surgeons**, January 28, 2007

Thoracoscopic Lobectomy. Florida Society of Thoracic and Cardiothoracic Surgery Annual Meeting Orlando, FL. February 25, 2007

Clinical Trials with Thoracoscopic Lobectomy: Where do we go from here? Robert Ginsberg Clinical Trials Symposium, **General Thoracic Surgical Club**. March 7, 2007

Molecular Biology of Lung Cancer **Visiting Professor, Surgical Grand Rounds, Cornell Medical School**, NY. April 2, 2007

Proteomics and Genomics in Lung Cancer. International Lung Cancer Screening Conference. NY. April 20, 2007

Thoracoscopic Segmentectomy

Genomics of Lung Cancer

Minimally Invasive Thoracic Surgery Summit. New York, June 9, 2007

Thoracoscopic Lobectomy. Minimally Invasive Staging and Management of Lung Cancer. Royal College of Surgeons, Edinburgh, Scotland. June 26-28, 2007

Surgical Management of Esophageal Cancer. The Management of Complex Esophageal Disorders, University of Pittsburgh/AATS, July 11, 2007

NCCN and Quality of Cancer Care. ASCO Highlights, Duke University Medical Center. July 13, 2007

Thoracoscopic Lobectomy. Advanced Training Course in Minimally Invasive Thoracic Surgery. Elancourt, France. July 28-August 1, 2007

Thoracoscopic Lobectomy. IASLC World Conference on Lung Cancer, Seoul, Korea, September 3, 2007

Improving Outcomes with Lung Cancer. Valley Hospital Lung Cancer Symposium. September 18, 2007

Surgical Management of Esophageal Cancer. International Society of Gastrointestinal Oncology, September 28, 2007

Evolution of Staging in Lung Cancer From TNM to Molecular Biologic Analysis. John and Joyce Benfield Visiting Professor. University of Chicago, October 3-5, 2007

Minimally Invasive Techniques for Lung Cancer. American College of Surgeons. October 7, 2007.

*Thoracoscopic Lobectomy
Molecular Biology of Lung Cancer
Thoracoscopic Resection of Pulmonary Metastases
Thoracic Surgery Symposium, National Cancer Institute, Medellin, Columbia, October 11, 2007*

Thoracoscopic Lobectomy. European Society of Thoracic Surgery Advanced Training Course in Minimally Invasive Thoracic Surgery. Elancourt, France. October 16-18, 2007

*Advantages of Thoracoscopic Lobectomy
Surgery in Early and Intermediate Stage NSCLC: Role and Outcome
Atlanta Lung Cancer Conference, October 26, 2007*

Improving Outcomes with Lung Cancer. Florida Hospital Cancer Center, October 24, 2007

Visiting Professor, University of Ottawa

Thoracoscopic Lung Volume Reduction December 5, 2007

Thoracoscopic Lobectomy. December 6, 2007

Molecular Biologic Staging of Lung Cancer. December 7, 2007

Management of Barrett's Esophagus. **Department of Pathology Grand Rounds**, Duke University Medical Center, December 14, 2007

Technical Aspects of Thoracoscopic Lobectomy for Large Tumors.
Tech Con: **Society of Thoracic Surgery**. January 27, 2008

Ethics Debate: Heroic Measures—How Soon is Too Soon to Stop?
Society of Thoracic Surgery, January 29, 2009

Thoracoscopic Lobectomy. STS University. **Society of Thoracic Surgery**, January 30, 2008

Thoracoscopic Lobectomy, Looking to the Future of Thoracic Surgery, AATS, May 9, 2008

University of Toronto Refresher Course, June 6-8, 2008

Molecular Biology of Lung Cancer
Molecular Biology of Esophageal Cancer
Thoracoscopic Lobectomy
Thoracoscopic Segmentectomy
Solitary Pulmonary Nodules

Thoracoscopic Lobectomy. ISMICS Postgraduate Course, Boston, June 11, 2008

Thoracoscopic Surgery Residents Course, Elancourt, France, July 23-25, 2008

Masters of Minimally Invasive Surgery. Duke at Disney, September 18-19, 2008
Hybrid Thoracoscopic Procedures
Thoracoscopic Metastasectomy
Challenging Right Upper Lobe Tumors

Japanese Association for Thoracic Surgery, October 15, 2008
Improving Outcomes with Early Stage Lung Cancer

Preston Boyd Visiting Professor, The Lahey Clinic, December 3, 2008
Improving Outcomes with Early Stage Lung Cancer

STS University: Thoracoscopic Lobectomy. STS 45th Annual Meeting San Francisco, California, January 26-28, 2009

Perspectives in Lung Cancer, Charleston, South Carolina, January 30-31, 2009
Improving Outcomes with Early Stage Lung Cancer

Atlanta Lung Cancer Conference. February 7, 2009
Advances in Thoracoscopic Lobectomy
Improving Staging of Early Stage Lung Cancer

NCCN Annual Meeting, Hollywood, Florida March 12-14, 2009
Emerging Techniques in Minimally Invasive Oncologic Surgery

Willard Fry Annual Lectureship, Evanston Hospital, April 14, 2009
Improving Outcomes with Early Stage Lung Cancer

Thoracoscopic Lobectomy, Tucson February 23, 2009

Thoracoscopic Lobectomy, Las Vegas April 16, 2009

Thoracoscopic Lobectomy, Duke April 29, 2009

Management of Pulmonary Metastases, AATS, Boston, May 10, 2009

Evarts Graham Visiting Professor, MD Anderson Cancer Center, May 25-27, 2009
Improving Outcomes with Thoracoscopic Lobectomy

AATS-ESTS Postgraduate Course; Krakow, Poland, May 31, 2009
Thoracoscopic Lobectomy

World Lung Cancer Conference (IASLC), July 31-August 4, 2009
Emerging Operative Techniques in Early Stage Lung Cancer

Brazil Society of Thoracic Surgery Global International Lung Cancer Symposium ,
August 26-28, 2009
Emerging Surgical Therapies for Lung Cancer
Lobectomy vs Limited Resection
Controversies in Lung Cancer Staging

Masters in Minimally Invasive Surgery, September 3-4, 2009
Thoracoscopic Lobectomy for Locally Advanced NSCLC
Hybrid Thoracoscopic Procedures

Minimally Invasive Thoracic Surgery Summit, October 9-11, 2009
Thoracoscopic Lobectomy: The Gold Standard

McGill University, October 2009
Thoracoscopic Lobectomy for Locally Advanced NSCLC

Improving Outcomes with Early Stage Lung Cancer
Visiting Professor, UCSF October 2009

Southern Thoracic Surgical Association, November 4, 2009
Adjuvant Therapy for Early Stage Lung Cancer

International Joint Meeting on Lung Cancer, Barcelona, Spain, November 25-27, 2009
Thoracoscopic Lobectomy
Genomics and Proteomics

STS-AATS Tech Con, Fort Lauderdale, January 22, 2010
Thoracoscopic Lobectomy: The Gold Standard for Early Stage Lung Cancer

Brazilian Thoracic Surgical Minimally Invasive Course
Natal, Brazil, April 22-23, 2010
Thoracoscopic Lobectomy: Strategy and Outcomes
Thoracoscopic Lower Lobectomy: Strategy and Techniques
Surgical Management of Locally Advanced NSCLC
Staging after Induction Therapy and Outcomes
Thoracoscopic Segmentectomy

North and Northeast Brazilian Thoracic Surgery Society
Natal, Brazil, April 22-23, 2010
Advances In The Molecular Biology Of Lung Cancer
Ethical And Legal Controversies In Thoracic Surgery: When Is It Too Soon To Stop?
Minimally Invasive Thoracic Surgery: State Of The Art
Molecular Markers Of Micro-Metastases
Mediastinoscopy: Complications, False Negatives, And Correlation With PET-CT
Esophageal Tumors Markers And Survival
Respiratory Complications And Outcomes After Esophagectomy
Pulmonary Metastasectomy: Outcomes And Prognostic Factors

AATS General Thoracic Surgery Symposium, May 5, 2010, Toronto
Thoracoscopic Lobectomy

Thoracoscopic Lobectomy, Duke, May 19, 2010
Strategies and Outcomes of Thoracoscopic Lobectomy

Radiation Oncology Grand Rounds, Duke University Medical Center, May 20, 2010
Surgical Management of NSCLC

European Society of Thoracic Surgery, May 30, 2010, Valladolid, Spain
Thoracoscopic Management of Pulmonary Metastases

Santiago, Chile, June 24-25, 2010
Genomics: Better Therapy for All Stages of Lung Cancer
Induction and Adjuvant Therapy for Early Stage Lung Cancer
The Role of Segmentectomy in Lung Cancer
Optimizing the Management of Patients with Stage IIIA NSCLC

Beijing Lung Cancer Conference, China-Japan Friendship Hospital
Beijing, China, August 8, 2010
Thoracoscopic Lobectomy: Outcomes and Strategy

University of Kentucky Dean's Distinguished Lecture Series
Lexington, Kentucky, September 2, 2010
Improving Outcomes with Early Stage Lung Cancer

Royal College of Surgeons, Edinburgh, Scotland, September 22, 2010
Improving Outcomes with Early Stage Lung Cancer

Technical Aspects of Complex Thoracoscopic Procedures

Masters in Minimally Invasive Surgery, Orlando, Florida, September 24-25 2010

Strategies for Challenging Upper Lobes

Lobectomy for Central Tumors

Role of Thoracoscopy for Mediastinal Masses

Hybrid Thoracoscopic Procedures

Resection for Sequestration

International Symposium Thoracic Surgery, Leuven, Belgium, October 8, 2010

The Evolution of Thoracoscopic Lobectomy

Thoracoscopic Lobectomy Symposium

Shanghai Cancer Center, Shanghai, China, October 14, 2010

CSTRO/SANTRO Annual Meeting

Hangzhou, China, October 15, 2010

Surgical Options for Early Stage NSCLC

Lasers in Medicine and Surgery Symposium on Photonics Science and Technology

Duke Medical Center, October 27, 2010

Lasers in Lung Cancer and Esophagus Cancer

Thoracoscopic Lobectomy Course, MD. Anderson and The Methodist Hospital

Houston, Texas, November 2-3, 2010

Improving Outcomes with Early Stage Lung Cancer

Southern Thoracic Surgical Association

November 5, 2010, Orlando, Florida

Thoracoscopic Lobectomy is Superior to Robotic Lobectomy

Barbara Williams Commemorative Lecture, University of Miami

December 2, 2010

Improving Outcomes with Early Stage Lung Cancer

Annual Lung Cancer Symposium, Pomeranian Medical University, Szczecin, Poland

December 10, 2010

Thoracoscopic Lobectomy in High Risk Patients

Maquet Lung Cancer Symposium

San Jose, California, January 25-26, 2011

Strategies and Outcomes of Thoracoscopic Lobectomy

Lung Cancer: Diagnosis, Staging, Management

Thoracoscopic Lobectomy Course, San Francisco, January 26-27, 2011

Strategies and Outcomes of Thoracoscopic Lobectomy

Challenging Thoracoscopic Lobectomies

Duke Thoracic Resident Symposium: Emerging Technology and Evidence-Based Thoracic Surgery, San Diego, Saturday, January 29, 2011
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

Society of Thoracic Surgeons

February 1, 2011, San Diego

Efficacy of Mediastinal Lymph Node Dissection During Lobectomy for Lung Cancer by Thoracoscopy and Thoracotomy

Pan Asian Cancer Summit, Shanghai, China

April 10, 2011

NSCLC Guidelines Update

Shanghai Cancer Center, Fudan University, April 11, 2011

Thoracoscopic Segmentectomy

Palm Beach Cancer Symposium

April 15, 2011

Multidisciplinary Management of Lung Cancer

6th National Meeting of Turkish Society for Thoracic Surgery, Antalya, Turkey

8th April-1st May, 2011

Molecular Biology of Lung Cancer

Thoracoscopic Metastasectomy

Thoracoscopic Lobectomy for Advanced NSCLC

Thoracoscopic Lobectomy Course, Duke University Medical Center, May 17-18, 2011

Strategies and Outcomes of Thoracoscopic Lobectomy

Challenging Thoracoscopic Lobectomies

Thoracoscopic Lymphadenectomy

AATS Skills Course

May 7-11, 2011, Philadelphia

Thoracoscopic Lobectomy for Advanced NSCLC

Visiting Professor, Columbia University, New York, June 2, 2011

Thoracoscopic Lobectomy for Advanced NSCLC

ESTS-AATS Biology Club, Marseille June 6

Molecular Predictors of Prognosis and Treatment Response

Respiratory Tract Cancers, NCCN 2011 Congress. Duke Cancer Institute, June 29, 2011

Management of Stage I-III NSCLC

World Congress for Lung Cancer, Amsterdam July 3-7, 2011

Induction Chemoradiotherapy is not Superior to Induction Chemotherapy Alone in Patients with Stage IIIA(N2) Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis

Beijing Lung Cancer Meeting, July 27 – August 3, 2011

Improving Outcomes with Squamous Cell Carcinoma of the Esophagus

Brazilian Lung Cancer Society, Salvador, Brazil, August 25-27, 2011

Lobar vs Sublobar Resection

Thoracoscopic Lobectomy in High Risk Patients

Surgery for Stage IIIA NSCLC: Who and When?

Canadian Association of Thoracic Surgeons September 15-17, 2011, London, Ontario

F. G. Pearson Lecture: *Thoracoscopic Lobectomy: Management of Locally Advanced Lung Cancer*

Masters in Minimally Invasive Thoracic Surgery, September 23-24, 2011, Waldorf
Astoria, Orlando

Thoracoscopic Lobectomy: Evolving and Improving

Thoracoscopic Lobectomy: Complex lobectomy and pneumonectomy

Thoracoscopic Lobectomy: Lobectomy and chest wall resection

University of Kentucky Markey Cancer Center's Lung Symposium October 7, 2011

Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

Thoracoscopic Lobectomy Course, Houston, Texas, November 9, 2011

Thoracoscopic Left Upper Lobectomy

STSA Basic Science Forum, Austin, Texas, November 3, 2011

Thoracoscopic Lobectomy Course, Duke University Medical Center, January 11, 2012

Strategies and Outcomes of Thoracoscopic Lobectomy

Challenging Thoracoscopic Lobectomies

Indian Association of Cardiothoracic Surgeons 58th Annual Meeting, Kolkata, February
12-13, 2012

Thoracoscopic Lobectomy: Locally Advanced Disease

Thoracoscopic Lobectomy: The International Experience

NCCN Annual Meeting, Hollywood, FL, March 16, 2012

Clinical Practice Issues in NSCLC

Radiation Oncology Grand Rounds, Duke University Medical Center

March 22, 2012

Progress in the Management of Esophageal Cancer

American College of Chest Physicians, Duke University Medical Center

April 6, 2012

Mediastinal Staging

Thoracoscopic Lobectomy Course, San Francisco, April 26, 2012

Strategies and Outcomes of Thoracoscopic Lobectomy

Challenging Thoracoscopic Lobectomies

American Surgical Association San Francisco, CA, April 26-28, 2012
Thoracoscopic Lobectomy in Patients with Poor Pulmonary Function

American Association for Thoracic Surgery Postgraduate Course, San Francisco, CA
April 28-May 2, 2012
T3 lung cancer: Chest Wall, Diaphragm, Mediastinum: Minimally Invasive Approach

Rome International Videoconference
May 8, 2012
Thoracoscopic Management of Pulmonary Metastases

North Shore University, Visiting Professor, Grand Rounds
Long Island, NY, May 9-10, 2012
Evolution of Thoracoscopic Lobectomy

Spanish Society of Thoracic Surgery (SECT)
Madrid, Spain, May 16-18, 2012
Left Upper Lobectomy
Right Upper Lobectomy
Complex and Locally Advanced Lung Cancer
Incorporating Research in to Practice
Thoracoscopic Resection of Mediastinal Tumors

American Thoracic Society (Invited Speaker), San Francisco
May 23, 2012
The SPN In 2012: The State Of The Art In The Evaluation Of The Pulmonary Nodule: A Surgeon's Perspective

Argentina Thoracic Foundation Thoracoscopic Lobectomy Course
Buenos Aires, Argentina, July 3-4, 2012
Evolution of Thoracoscopic Lobectomy
Complex Thoracoscopic Lobectomy

Congress of the Asociación Latinoamericana del Tórax (ALAT)
Montevideo, Uruguay, 5-7 July 2012
Evolution of Thoracoscopic Lobectomy
Complex Thoracoscopic Lobectomy
Thoracoscopic Management of Pulmonary Metastases

North Brazil Thoracic Surgical Society Lung Cancer Conference, Salvador, Brazil
August 24, 2012
Are there Contraindications to Thoracoscopic Lobectomy
Complex Thoracoscopic Lobectomy
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer
Thoracoscopic Resection of Mediastinal Masses
Thoracoscopic Segmentectomy

North Brazil Thoracic Surgical Society Thoracoscopic Surgery Conference, Salvador,
Brazil, August 25, 2012

Thoracoscopic Management of Pulmonary Metastases
Thoracoscopic Lobectomy: the Gold Standard

Chinese Association for Thoracic Surgery
September 8-9, 2012
Complex Thoracoscopic Lobectomy
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

Masters in Minimally Invasive Thoracic Surgery, September 23-24, 2011, Waldorf
Astoria, Orlando
Thoracoscopic Right Upper Lobectomy
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer
Thoracoscopic Lobectomy: Lobectomy and chest wall resection
Thoracoscopic Resection of Mediastinal Masses

Spanish Thoracoscopic Lobectomy Course, A Coruna, Spain
October 17-21, 2012
Thoracoscopic Segmentectomy and Lobectomy

Edinburgh Thoracoscopic Lobectomy Course, Scotland
November 1-3, 2012
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

10th Annual Mid-South Cancer Symposium, Memphis TN
November 8-9, 2012
Multidisciplinary Thoracic Oncology Programs

AATS Lung Cancer Summit
November 16-17, 2012
Thoracoscopic Lobectomy: Lobectomy and chest wall resection

Visiting Professor, Cleveland Clinic
December 14, 2012
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

Duke Thoracic Resident Symposium: Emerging Technology and Evidence-Based
Thoracic Surgery. January 25, 2013, Los Angeles, CA
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

STS Tech Con, STS Annual Meeting, January 26, 2013, Los Angeles
Surgical Innovation in General Thoracic Surgery

Minimally Invasive Thoracic Surgery Symposium
University of Leuven, Belgium
February 6-7, 2013
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer
SBRT: The Surgeon's Perspective

10th Annual Huub and Amelda Spiering's Visiting Lecture

University of Leuven, Belgium
February 7, 2013
How Minimally Invasive Strategies Changed Thoracic Surgery

6th Advanced VATS Course
Leeds, UK
February 26-March 1, 2013

NCCN 8th Annual Conference
Hollywood, FL
March 13-17, 2013

Shield's Visiting Lectureship and Visiting Professor
Northwestern University and Lurie Cancer Center
Chicago, Illinois
May 15-16, 2013
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer

Third International Congress of Russian Thoracic Surgery
St. Petersburg, Russia
June 27-30, 2013
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Troubleshooting VATS Lobectomy

Shanghai Minimally Invasive Thoracic Surgery Course
Shanghai, China
July 4, 2013
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Chinese Association of Thoracic Surgery
Chengu, China
July 7, 2013
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Shenyang Minimally Invasive Thoracic Surgery Course
Shenyang, China
July 12, 2013
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Masters in Minimally Invasive Thoracic Surgery, Orlando, Florida, September 23-24,
2013
Shanghai Minimally Invasive Thoracic Surgery Course
Shanghai, China
July 4, 2013
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lower Lobectomy
Thoracoscopic Esophagectomy

Thoracoscopic Lobectomy and Navigational Bronchoscopy Course, Methodist Hospital,
October 1-2, 2013

Thoracoscopic Lower Lobectomy

Visiting Professor, Methodist Hospital, October 2, 2013

Thoracoscopic Lobectomy: Technologic Advances

Asian Masters in Minimally Invasive Thoracic Surgery, Shanghai, China, October 9-10,
2013

Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Thoracoscopic Upper Lobectomy

Thoracoscopic Lower Lobectomy

Thoracoscopic Esophagectomy

Asian Thoracic and Cardiovascular Surgery Association Annual Meeting, Singapore,
October 11-12, 2013

Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Thoracoscopic Lobectomy: Technologic Advances

Managing Intraoperative Challenges

Thoracoscopic Lobectomy Course Director, Duke University Medical Center, October
22-23, 2013

Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Thoracoscopic Lobectomy: Technologic Advances

Bolzano Thoracic Oncology Course, Bolzano, Italy, November 7-8, 2013

Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

American Association for Thoracic Surgery Esophageal Cancer Summit

Boston, November 15-16, 2013

Thoracoscopic Esophagectomy

Radiation Oncology Grand Rounds, Duke Cancer Institute. Durham, NC. February 11,
2014.

Esophageal Cancer: NCCN Updates

Spanish Thoracoscopic Lobectomy Course, A Coruna, Spain

February 26-28, 2013

Thoracoscopic Lobectomy: Complex Patients and Complex Procedures

Thoracoscopic Lobectomy Conference: The Art of Minimally Invasive Thoracic Surgery

New York March 21-22, 2014

Complex VATS Pulmonary Resection: Techniques and Outcomes

Ethics in Thoracic Surgery

American Association For Thoracic Surgery, Toronto. April 25, 2014

Informed Consent

Masters in Thoracic Surgery

American Association For Thoracic Surgery, Toronto. April 30, 2014
Surgery for Stage IIIA Lung Cancer

Debates in General Thoracic Surgery
American Association For Thoracic Surgery, Toronto. April 30, 2014
Robotic Lobectomy vs VATS Lobectomy

Visiting Professor, McGill University, Montreal, Canada
May 1, 2014
Complex VATS Pulmonary Resection: Techniques and Outcomes

Visiting Professor, Laval University, Quebec City, Canada
May 2, 2014
Complex VATS Pulmonary Resection: Techniques and Outcomes

International Thoracoscopic and Robotic Lobectomy Course, Milan Italy
May 12, 2014
Starting a VATS Program
VATS vs Robots: Economics
VATS vs Robots: Segmentectomy
VATS vs Robots: Extended Resection

2nd Annual Asian Masters in Minimally Invasive Surgery
Shanghai, China, May 17-18, 2014
Mastering VATS Upper Lobectomy
VATS Pneumonectomy
Complex Cases

Visiting Professor, Cancer Institute & Hospital Chinese Academy of Medical Sciences
(CIHCAMS), Beijing, China, May 19, 2014
Minimally Invasive Surgery at Duke

Thoracoscopic Lobectomy Course Director, Duke University Medical Center, June 3-4,
2014
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Technologic Advances

European Society for Thoracic Surgery. Copenhagen, Denmark. June 14, 2014.
Complex Cases in Thoracic Surgery

IV Russian Federation of Thoracic Surgeons, St. Petersburg, Russia, June 25-28, 2014
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Technologic Advances

Duke GI Oncology Workshop, Charlotte, NC, August 8, 2014
Multidisciplinary Care of Esophageal Cancer

Halsted Society, Cashiers, NC, June 10-12, 2014
The Evolution of Thoracoscopic Lobectomy

7th Masters in Minimally Invasive Surgery, Orlando, FL, September 19-20, 2014
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Sleeve Resections
Thoracoscopic Pneumonectomy

Beck Visiting Professor, University Hospitals, Cleveland Ohio, October 8, 2014
The Evolution of Thoracoscopic Lobectomy

VATS Lobectomy Course, Methodist Hospital, October 9, 2014
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Sleeve Resections

AATS Focus on Lung Cancer, Boston, November 21-22, 2014
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Sleeve Resections

Thoracoscopic Lobectomy Course, Leeds, UK, February 2015
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Sleeve Resections

3rd Asian Single Port VATS Symposium, Hong Kong, March 2015
Standard 2-Port and Modified Uniportal Approaches to Complex Resections

NCCN Annual Meeting March 2015
Evolution of Thoracoscopic Lobectomy

Visiting Professor, Georgetown University, Washington, DC, April 7, 2015
Teaching Thoracoscopic Lobectomy

Thoracoscopic Lobectomy Course, Duke University Medical Center, April 14-15, 2015
Thoracoscopic Lobectomy: Complex Patients and Complex Procedures
Thoracoscopic Lobectomy: Technologic Advances

AATS, Seattle Washington, April 25-28, 2015
Ethics of Surrogate Decision Making
Sublobar Resection for Lung Cancer

Spanish Society of Thoracic Surgery, Seville, Spain, May 13-15, 2015
Staging NSCLC: VATS vs Mediastinoscopy
Sublobar Resection
Resection of Oligometastases
VATS Lobectomy and the Practice of Thoracic Surgery

3rd Annual Asian Masters of Minimally Invasive Thoracic Surgery, Shanghai, May 15-17, 2015
Mastering Right Upper Lobectomy

*Complex Thoracoscopic Resections
Sleeve Resections and Pneumonectomy*

Visiting Professor, Shanghai Chest Hospital, Shanghai, China, May 18, 2015
Complex Thoracoscopic Resections

Visiting Professor, Shanghai Pulmonary Hospital, Shanghai, China, May 18, 2015
Complex Thoracoscopic Resections

Visiting Professor, China-Japan Friendship Hospital, Beijing, China, May 19, 2010
Complex Thoracoscopic Resections

Visiting Professor, Beijing Institute of Science and Tumor Hospital, Beijing, China, May 20, 2015
Complex Thoracoscopic Resections

Visiting Professor, Henan Tumor Hospital, Zhengzhou, China May 21, 2015
Complex Thoracoscopic Resections

Gain 3.0 Lung Cancer Summit June 26, 2015
Using EBUS to stage NSCLC

World Congress of Lung Cancer, Denver, September 5-9, 2015

Immersion in Minimally Invasive Thoracic Surgery, Quebec, July 27-31, 2015
How I manage unexpected intra-operative N2 – Lobectomy / Pneumonectomy case
How I manage extended VATS cases: When to convert? Up-front open?
VATS v Robotic: pros and cons in lung cancer
What is the ideal surgery for < 2cm nodules: solid v GGO
How I do: Anatomic Segmentectomy
How I do: Bronchoplasty
How I do: Locally Advanced Lung Cancer – T3
How I do: Metastasectomy

8th Masters in Minimally Invasive Thoracic Surgery, September 25-26, 2015
Technical Advances in MITS
Stage-Specific Management of Esophageal Cancer
Sleeve VATS Lobectomy

Papworth VATS Lobectomy Course, Cambridge, UK, October 16-17, 2015
2-port and Modified Uniportal VATS lobectomy
Complex Thoracoscopic Resections
Intraoperative Challenges

Lexington Cancer Center, Columbia SC, September 22, 2015
Management of Stage IIIA (N2) Non-small Cell Lung Cancer

Visiting Professor, Ochsner Clinic, New Orleans, October 21, 2015
Management of Stage IIIA (N2) Non-small Cell Lung Cancer

AATS Focus on Thoracic Surgery, Boston, October 23-24, 2015
Complex Thoracoscopic Resections
Management of Chylothorax

7th Annual Thoracoscopic Lobectomy Course, Sharjah University, Dubai, UAE
November 5, 2015
Complex Thoracoscopic Resections

International Thoracoscopic Lobectomy Course, Abu Dhabi, UAE November 6, 2015
Thoracoscopic Sleeve Resections
Management of Stage IIIA (N2) Non-small Cell Lung Cancer

Visiting Professor, Tawan Cancer Center, Al Ain, Abu Dhabi, UAE, November 7, 2016

Thoracoscopic Surgery Course, Laguna, November 13-14, 2015
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections

Augusta Cancer Center, Fishersville VA, December 16, 2015
Management of Esophageal Cancer

Radiation Oncology Grand Rounds, Duke University Medical Center, February 25, 2016
Improving Surgical Outcomes for Patients with Esophageal Cancer

Thoracoscopic Lobectomy Course, Methodist Hospital, Houston, February 17-18, 2016
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections

Canadian Lung Cancer Conference, Vancouver BC, Canada, February 12-13, 2016
Keynote Speaker
Improving Surgical Outcomes for Patients with Lung Cancer

Methodist Hospital Thoracoscopic Lobectomy Course, Houston, Texas, February 17-18, 2016
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections

Palliative Care Grand Rounds, Duke University Medical Center, February 25, 2016
Improving Surgical Outcomes for Patients with Esophageal Cancer

AATS Focus in Thoracic Malignancies, Shanghai, March 15-20, 2016
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections and Pneumonectomy

Duke Thoracoscopic Lobectomy Course, Durham, NC, April 27, 2016
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections
ENB: CT Guidance

Claggett Visiting Professor, The Mayo Clinic, May 5-6, 2016
Thoracoscopic Lobectomy: Past, present, future

AATS Ethics Course, Baltimore MD, May 2016
Research Ethics

Pearson Visiting Professor, University of Toronto, May 19-21,2016
Thoracoscopic Lobectomy: Past, present, future

Evelyn Grollman-Glick Visiting Professor in Thoracic Surgery, Johns Hopkins,
May 14-16, 2016
Thoracoscopic Lobectomy: Past, present, future

Thoracoscopic Lobectomy Course, May 25-28, 2016, A Coruna, Spain
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections and Pneumonectomy
Teaching Thoracoscopic Lobectomy

4th Annual Asian Masters of Minimally Invasive Thoracic Surgery, Shanghai, July 1-6, 2016
Complex Thoracoscopic Resections
Thoracoscopic Sleeve Resections and Pneumonectomy
ENB: CT Guidance

Immersion in Minimally Invasive Thoracic Surgery, Quebec, July 25-30, 2016
Nodule Localization: Navigation Bronchoscopy
Lobectomy vs Sublobar Resection for Solid Nodules
How I do it: Posterior and Anterior Mediastinal Tumors
Multidisciplinary Case Discussion Session with Videos
How I do it: Metastasectomy
How I do it: Bronchoplasty
How I manage unexpected intra-operative N2 – Lobectomy / Pneumonectomy case
How I manage extended VATS cases: When to convert? Up-front open?
VATS v Robotic: pros and cons in lung cancer
What is the ideal surgery for < 2cm nodules: solid v GGO
How I do: Anatomic Segmentectomy
How I do: Bronchoplasty
How I do: Locally Advanced Lung Cancer – T3
How I do: Metastasectomy

FSF Fellows Course, August 26-28, 2016, Tampa
Thoracoscopic Pneumonectomy
Thoracoscopic Sleeve Resections
Instrumentation and Strategy
Mastering Upper Lobectomy
Prevention and Management of Intraoperative Bleeding

9th Masters in Minimally Invasive Thoracic Surgery, September 16-17, 2016

Thoracoscopic Pneumonectomy

ENB

Teaching Thoracoscopic Lobectomy

Esophagectomy

Medtronic Masters Course, San Diego

October 21-23, 2016

Thoracoscopic Pneumonectomy

ENB

Sublobar resection vs Lobectomy

Prevention and Management of Intraoperative Bleeding

AATS Focus on Thoracic Surgery, Boston, October 28-29, 2016

Thoracoscopic Pneumonectomy

VATS Lobectomy after Induction Therapy

Sublobar resection vs Lobectomy

Prevention and Management of Intraoperative Bleeding

New York Multidisciplinary Chest Meeting

November 4-6

Mastering Thoracoscopic Left Upper Lobectomy; Segmentectomy

World Congress of Lung Cancer, Vienna

December 5-8, 2016

Thoracoscopic Staging of IIIA (N2) Lung Cancer

Society of Thoracic Surgeons, Houston

January 21, 2017

Thoracoscopic Staging and Resection of IIIA (N2) Lung Cancer

MITIE VATS Lobectomy Course

February 8-9, 2017

Advantages of VATS Lobectomy

Thoracoscopic Segmentectomy

Radiation Oncology Grand Rounds, Duke University Medical Center, February 21, 2017

Staging and Management of Patients with Stage III Esophageal Cancer

Duke Thoracoscopic Lobectomy Course, Durham, NC, April 5, 2017

Complex Thoracoscopic Resections

Thoracoscopic Sleeve Resections

ENB: CT Guidance

AATS, Boston, April 30, 2017

Assessing Patient and Surrogate Capacity to Consent to Treatment:

Who Decides?

Brazilian Congress of Thoracic Surgery, Rio de Janeiro, May 4-6, 2017
Thoracoscopic Pneumonectomy and Sleeve Resection
Uniportal lobectomy
Stage IIIA N2

Taiwan Thoracic Surgery Master Forum, Taipei, June 1, 2017
Complex Thoracoscopic Lobectomy

5th Asian Masters in Minimally Invasive Thoracic Surgery, Shanghai
June 3-4, 2017
Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

Visiting Professor, Zhongshan Hospital, Shanghai, 5 June 2017
Complex Thoracoscopic Resections

AATS Focus in Thoracic Surgery: Beijing
June 30-July 2, 2017
Thoracoscopic Sleeve Resection
Small Nodule Localization
Delayed Gastric Emptying

III Immersion in Minimally Invasive Thoracic Surgery, Quebec, August 28-30, 2017
Multifocal Lung Cancer
Sublobar Resection
Salvage Thymectomy
Chest Wall Resection

David Sugarbaker Visiting Professor Lecture, Brigham Hospital, Boston, September 20, 2017
Thoracoscopic Lobectomy: Past, present, future
Multifocal Lung Cancer
Evolving Role of Induction Chemotherapy

10th Masters in Minimally Invasive Thoracic Surgery, Orlando
September 21-23, 2017
Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

Argentina Society of Thoracic Surgery, Buenos Aires
October 9-11, 2017
Alternative Approaches to Lobectomy
Small Nodule Localization
Multifocal Lung Cancer
Sublobar Resection
Salvage Thymectomy
How I Teach Lobectomy

Pulmonary Metastasectomy

World Congress of Lung Cancer, Yokomama, Japan, October 15-18, 2017
Thoracoscopic Resection for Early Stage Lung Cancer in Patients with Poor Pulmonary Function

AATS Focus, Las Vegas, Oct 27-28, 2017
CT guided ENB
VATS Segmentectomy
Alternative Approaches to Lobectomy

Northern Italian Minimally Invasive Thoracic Surgery Conference, Bolzano, Italy
November 9-11, 2017
VATS Lobectomy after Induction Therapy
Uniportal Lobectomy and Segmentectomy

Global Lung Summit, Dove Mountain AZ
February 16-17, 2018

Visiting Professor, Peking Union Medical Center Hospital
Beijing, China
March 15, 2018

Visiting Professor, Chao Yang Hospital
Beijing, China
March 15, 2018

Visiting Professor, Shanghai Tumor Hospital
Shanghai, China
March 16, 2018

Visiting Professor, Shanghai Chest Hospital
Shanghai, China
March 19, 2018

6th Asian Masters of Minimally Invasive Thoracic Surgery, Shanghai, March 16-19,
2018
Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

APACVS, April 6, 2018, Miami
Surgical Management of Lung Cancer
VATS Lobectomy
Surgical Management of Esophageal Cancer

Course Director, Master Course in Thoracoscopic Surgery, Laguna Niguel, April 21-22, 2018

Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

5th International Uniportal Lobectomy Course, Potsdam, Germany, June 14-16, 2018

Evolving to the Uniportal Approach
Navigational Bronchoscopy

IV Immersion in Minimally Invasive Thoracic Surgery, Quebec, September 3-7, 2018

11th Masters in Minimally Invasive Thoracic Surgery, Orlando
September 20-22, 2018

Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

WCLC, Toronto, September 23-26, 2018

Minimally Invasive Surgery Options for Patients with Compromised Pulmonary Function

AATS International Thoracic Surgical Oncology Summit, NY, October 12-13, 2018

Thoracoscopic Pneumonectomy
Complex Thoracoscopic Resections

Master Course in Thoracoscopic Surgery, Laguna Niguel, October 27-28, 2018

Thoracoscopic Pneumonectomy
Complex Thoracoscopic Resections

Course Director, AATS Focus China, Guangzhou, November 3-4, 2018

Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

Visiting Professor, University of California San Diego, January 23-24, 2019

Evolution of Thoracoscopic Surgery for Locally Advanced Lung Cancer

Course Director, Thoracoscopic Sleeve Lobectomy Course, STS University, San Diego,
January 27, 2019

Charles Breaux Endowed Lecturer, University of Alabama, February 19, 2019
Evolution of Thoracoscopic Surgery for Locally Advanced Lung Cancer

Global Lung Health Summit, Amelia Island, February 21-23, 2019
Evolution of Thoracoscopic Surgery for Locally Advanced Lung Cancer

International Thoracoscopic Surgery Course, Leeds, UK, February 27-March 1, 2019
Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

7th Asian Masters of Minimally Invasive Thoracic Surgery, Shanghai, March 29-31, 2018
Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

APACVS, April 4, 2019, Miami
Surgical Management of Lung Cancer
VATS Lobectomy
Surgical Management of Esophageal Cancer

AATS Toronto May 4-7, 2019
Evolution of Thoracoscopic Surgery for Locally Advanced Lung Cancer

American Thoracic Society, Dallas May 17, 2019
Minimally Invasive Surgery Options for Patients with Compromised Pulmonary Function

ESTS, Dublin, June 12, 2019
Induction therapy for stage IIIA NSCLC

V Immersion in Minimally Invasive Thoracic Surgery, Quebec, July 8-11, 2019
Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

World Congress of Lung Cancer, Barcelona, September 10, 2019
Mediastinal lymph node dissection: intraoperative issues

Cincinnati Lung Cancer Roundtable September 17, 2019
Evolution of Thoracoscopic Lobectomy

International Sublobar Resection Summit, NY, September 26, 2019
S9-10 segmentectomy

AATS International Thoracic Surgical Oncology Summit, NY, September 27-28, 2019
Complex Thoracoscopic Resections
Guideline development in thoracic surgery

Visiting Professor, Calgary, October 3-4, 2019

Evolving role of thoracoscopic lobectomy

12th Masters in Minimally Invasive Thoracic Surgery, Orlando
October 10-12, 2019

Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

Wilkins Visiting Professor, Massachusetts General Hospital, October 12, 2019
Evolving role of thoracoscopic lobectomy for locally advanced lung cancer

Duke Advanced Course: Sleeve Lobectomy, October 29-30, 2019

Thoracoscopic Pneumonectomy
Management of Intraoperative Challenges
Complex Thoracoscopic Resections

Thoracoscopic MasterClass, Los Angeles, November 1-3, 2019

Thoracoscopic Pneumonectomy
Complex Thoracoscopic Resections

Super Summit, Bogota, November 6-8, 2019

Stage IIIA lung cancer
Salvage Thymectomy
Multifocal Lung Cancer
Sublobar Resection
Thoracoscopic Pneumonectomy

Visiting Professor, George Washington Medical Center, November 12-13, 2019
Role of Thoracoscopic Lobectomy in the Era of Induction and Adjuvant Therapy
Treatment options for patients with compromised pulmonary function

Visiting Professor, Fujian Union Hospital, November 21, 2019
Thoracoscopic Lobectomy in the Era of Induction and Adjuvant Therapy

AATS Focus: Chengdu, November 22-24, 2019
Thoracoscopic Lobectomy for Locally Advanced Lung Cancer
Lung Cancer Screening 2020

Cedars Sinai Visiting Professor, February 25-26, 2020
Thoracoscopic Lobectomy in the Era of Induction and Adjuvant Therapy

Northside Atlanta Lung Cancer Course, February 29, 2020
Thoracoscopic Lobectomy in the Era of Induction and Adjuvant Therapy

13th Masters in Minimally Invasive Thoracic Surgery, Orlando
September 25, 2020

*Thoracoscopic Lobectomy: State of the Art
Segmentectomy: Who, When, How*

AATS ITSOS, NY, October 16-17, 2020
Re-categorization of the residual tumor (R) classification is there added value?

Haixi International Lung Cancer Symposium, Virtual, October 30, 2020
Thoracoscopic Lobectomy

International Thoracic Oncology Symposium (Virtual, Milan), December 2-3, 2020
*Stage IIIA: Induction chemo vs chemoXRT
Lung Cancer Screening*

Shanghai Lung Cancer Symposium December 9, 2020
Lung Cancer Semi-solid nodules

STS Virtual, January 2021
*VATS Lobectomy: Deep Dive
In the OR: VATS Lobectomy*

AATS Webinar, March 5, 2021
Stage IIIA Lung Cancer

AATS Virtual May 1, 2021
*Self-Awareness
Publications: Abstract Presentation*

AATS Webinar, September 7, 2021
VATS Lower Lobe Segmentectomy

Chest Annual Meeting, September 30, 2021
Surgery in patients with Compromised Pulmonary Function

14th Masters in Minimally Invasive Thoracic Surgery, Orlando
October 15-16, 2021
*Thoracoscopic Lobectomy after Induction Therapy
Complex Thoracoscopic Segmentectomy
Thoracoscopic Lobectomy State of the Art*

ESTS Thoracic Oncology Symposium November 4, 2018
Stage IIIA (N2) Lung cancer: Induction Therapy

China-Europe Lung Cancer Forum November 13, 2021
Thoracoscopic Lobectomy After Induction Immuno Therapy

5th International Joint Meeting in Thoracic Surgery, Barcelona, November 17, 2021
Thoracoscopic Lobectomy After Induction Therapy

UCSD VATS Lobectomy Course, March 2022
Thoracoscopic Lobectomy after Induction Therapy
Complex Thoracoscopic Segmentectomy
Thoracoscopic Lobectomy State of the Art

ISMETT Minimally Invasive Surgery, Palermo, Italy, July 2022
The Future of Thoracoscopic Lobectomy

Haixi International Lung Cancer Symposium, Virtual, October, 2022
The Future of Thoracoscopic Lobectomy

Chinese Academy Medical Center Symposium, Beijing, Virtual, October 28, 2022
Thoracoscopic Lobectomy after Induction Therapy

Other hospital appointments:

Previous

Durham Veterans Affairs Medical Center, Durham, North Carolina
Duke Health Raleigh Hospital
Duke Regional Hospital
Rex Hospital

Professional awards and special recognition:

American College of Surgeons Faculty Research Fellowship 1997-1999
Molecular Markers in Lung Cancer: Implications for the Development of Brain Metastases

Alley-Sheridan Scholarship, Thoracic Surgery Foundation for Research and Education, 1999

President's Award, Southern Thoracic Surgical Association, San Juan, Puerto Rico, November, 2000. *Molecular biologic substaging in patients with stage I non-small cell lung cancer: Risk stratification according to sex and histologic subtype.*

Dwight C. McGoon Award for Resident Education. Presented at the AATS, Washington DC, 2007

Leonard Palumbo Award Faculty Achievement Award, Duke University School of Medicine, May 2009

Honorary Fellow, Beijing Association of Thoracic Surgeons, Beijing, China, 2010

Honorary Fellow, Indian Association of Cardiothoracic Surgeons, Kolkata, India, February 2012

Honorary Fellow, Chinese Association of Thoracic Surgeons, Chongqing, China, August 2012

Organizations and participation:

General Thoracic Surgical Club (1998)
American Society of Clinical Oncology (1999)
Fellow of the American College of Surgeons (1999)
General Thoracic Surgery Biology Club (1999)
Southern Thoracic Surgical Association (1999)
Society of Thoracic Surgery (2000)
International Society for the Study of Lung Cancer (2000)
Society of University Surgeons (2002)
American Association for Thoracic Surgery (2002)
European Society of Thoracic Surgery (2008)
American Surgical Association (2009)
Halsted Society (2014)

Editorial Boards

Associate Editor, Journal of Thoracic and Cardiovascular Surgery (2018-present)
Associate Editor, Annals of Surgery (2022-present)

Annals of Surgery (2019-present)
Journal of Thoracic and Cardiovascular Surgery (2015-present)
Journal of the American College of Surgeons (2009-present)

Journal of Cardiovascular Surgery (2007-present)
Journal of Video-Assisted Surgery (2016-present)

Ethics Editor, Journal of Thoracic and Cardiovascular Surgery (2015-18)
Associate Editor, Diseases of the Esophagus (2009-15)
Associate Editor, Cardiothoracic Surgery Journal of Thoracic Disease (2008-17)
Associate Section Editor, Annals of Surgical Oncology (2013-2016)
Journal of Thoracic Diseases (2013-2022)

Gastroenterology Reports (2013-17)
Supportive Cancer Therapy (2003-2009)
Annals of Surgical Oncology (2003-2009)
Annals of Thoracic Surgery (2004-2012)
Gastrointestinal Cancer Research (2006-2015)

Ad Hoc Reviewer

American Journal of Gastroenterology
Annals of Surgery

Annals of Surgical Oncology
Chest
JAMA
Lung Cancer
New England Journal of Medicine
Radiation Research

National Positions

American Association for Thoracic Surgery, Membership Committee, (2004-7)

Executive Committee, General Thoracic Surgical Club (2003-8)

American Board of Thoracic Surgery Examination Consultant Committee (2005-2008)

Society of Thoracic Surgeons Workforce on Aging (2006-2009)

American Association for Thoracic Surgery, Education Committee (2006-2009)

Society of Thoracic Surgery, Workforce on Annual Meeting (2007-2010)

European Society of Thoracic Surgeons, Program Committee (2009-2012)

Program Committee, International Society of Minimally Invasive Cardiothoracic Surgery Society, (2008-2010)

Thoracic Surgery Foundation for Research and Education, Development Committee (2006-2013)

Chair, Thoracic Surgery Foundation for Research and Education Development Committee (2008-2103)

Board of Directors, Thoracic Surgery Foundation for Research and Education (2007-2013)

Secretary, Thoracic Surgery Foundation for Research and Education (2007-2013)
Vice Chairman, Board of Directors, National Comprehensive Cancer Network (2007-2010)

Chairman, Board of Directors, National Comprehensive Cancer Network (2010-2013)

Co-Chair Tech-Con Task Force, Workforce on Annual Meeting, Society of Thoracic Surgery (2009-10)

Chairman, General Thoracic Biology Club (American Association for Thoracic Surgery (2002-12)

IASLC Prevention, Screening & Early Detection Committee (2011-2013)

National Comprehensive Cancer Network Executive Committee, (2002-14)

Chairman, Non-Small Cell Lung Cancer Database Executive Committee, National Comprehensive Cancer Network (2007-2015)

American Association for Thoracic Surgery Centennial Committee (2009-2017)

Co-Principal Investigator: NCCN Lung Cancer Outcomes Database (2007-2017)

Society of Thoracic Surgery, Standards and Ethics Committee (2011-2017)

American Association for Thoracic Surgery, International Committee, (2012-14)

American Association for Thoracic Surgery, Ethics Committee, (2008-11; 2013-14)

NBGH National Advisory Committee on Employer Services for the Cancer Continuum of Care (2011-2016)

Board of Directors, Foundation for Surgical Fellowships (2011-2021)

IASLC Surgery Lung Cancer Screening Task Force (2011-2015)

ACGME Residency Review Committee for Thoracic Surgery (2013-2019)

Scientific Affairs and Government Relations Committee (AATS/IASCL 2013-2017)

NCCN International Program Steering Committee (2013-Present)

Joint Council on Thoracic Surgery Education Advisory Board of Directors (2014-16)

American Association for Thoracic Surgery, Graham Foundation Investigator Review Committee (2014-2021)

American Association for Thoracic Surgery, Graham Foundation Fellowship Review Committee (2014-2018)

American Association for Thoracic Surgery, Graham Foundation Investigator Review Committee (2015-2018)

American Association for Thoracic Surgery, Cardiothoracic Residents' Committee (2016-2018)

STS Workforce in General Thoracic Surgery (2017-2022)

IASLC Program Committee (2017-2019)

American Association for Thoracic Surgery, Industry Relations Committee (2018-2021)

American Association for Thoracic Surgery, Chair, Abstract Committee (2019)

Co-Chair, American Association for Thoracic Surgery ITSOS, Program Committee (2021)

TSDA Nominating Committee (2019-2022)

ACGME Residency Review Committee for Appeals in Thoracic Surgery (2021-7)

National Comprehensive Cancer Network Board of Directors, (2000-present)

National Comprehensive Cancer Network Member, Adult Guidelines Steering Committee (2000-present)

National Comprehensive Cancer Network Guidelines Committee: Non-small cell lung cancer (2001-present)

National Comprehensive Cancer Network Guidelines Committee: Small cell lung cancer (2016-present)

National Comprehensive Cancer Network Guidelines Committee: Esophageal and Gastric Cancer (2001-present)

Vice Chair, National Comprehensive Cancer Network Guidelines Committee: Esophageal and Gastric Cancer (2013-present)

Chair, NCCN Quality and Outcomes Committee (2015-present)

American Association for Thoracic Surgery, Graham Foundation Advisory Council Committee (2014-present)

American Association for Thoracic Surgery, Chair, Asian Scholarship Committee (2019-Present)

American Association for Thoracic Surgery, Chair, AATS Focus: China (2019-Present)

American Association for Thoracic Surgery, Chair, Japanese Association for Thoracic Surgery Scholarship Committee (2019-Present)

American Association for Thoracic Surgery, Leadership Academy Board (2020-Present)

Chair, American Association for Thoracic Surgery, Membership Committee (2019-22)

Chair, American Association for Thoracic Surgery, Ethics Committee (2016-present)

Medical Director, American Association for Thoracic Surgery, (2020-Present)

Member, Board of Directors, American Association for Thoracic Surgery, (2021-2025)

American Association for Thoracic Surgery, ACCME Task Force (2020-Present)

American Association for Thoracic Surgery, Thoracic Quality Committee (2021-Present)

American Association for Thoracic Surgery, Writing Committee, Early stage lung cancer (2021-present)

Co-Chair, American Association for Thoracic Surgery, Program Committee (2022)

Academic and administrative activities of the University and Medical Center:

Institutional Committee for Graduate Medical Education
Duke University Medical Center, 1992-1995

Director, Cardiothoracic Surgical Intensive Care Unit
Duke University Medical Center, 1997-2000

Critical Care Committee
Duke University Medical Center, 1997-1999

Medical Director, Cardiothoracic Surgical Service
Duke Heart Center, Duke University Medical Center, 1998-2000

Heart Center Executive Committee
Duke University Medical Center, 1998-2000

Heart Center Education Committee
Duke Heart Center, Duke University Medical Center, 2001-5

Search Committee, Director Duke Comprehensive Cancer Center 2002

Search Committee, Clinical Chief, Division of Medical Oncology

Duke University Medical Center, 2002

Academic Council
Duke University, 2002-2004

Chairman, Active Medical Staff Committee
Duke University Medical Center, 2003-4

Search Committee, Chief, Division of Medical Oncology
Duke University Medical Center, 2003

Search Committee, Chief, Division of Otolaryngology-Head and Neck Surgery
Duke University Medical Center, 2004

Search Committee, Chief, Division of Pulmonary, Allergy, and Critical Care Medicine
Duke University Medical Center, 2004

Advisory Board, Department of Medicine
Duke University Medical Center, 2003-6

Scientific Advisory Committee, General Clinical Research Center (GCRC)
Duke University Medical Center, 1999-2006

Medical Director, Oncology Clinical Services
Duke University Medical Center and Health System, 2000-10

Search Committee for Director of Duke Cancer Institute
Duke Cancer Institute, 2010-2011

Search Committee, Chair of the Department of Surgery, Duke University Medical Center,
2013

Vice-Chairman of Department of Surgery
Director of Surgical Technology (2011-2014)

Chief Medical Officer, Duke Cancer Institute (2011-2018)
Director, Thoracic Surgery Education
Duke University Medical Center, 1994-2020

Director, Training Program in Thoracic Surgery
Department of Surgery, Duke University Medical Center, 2002-2020

Duke Comprehensive Cancer Center, Duke University Medical Center, 1998-present

Curriculum Reform Initiative. Committee for Innovation in Clinical Education.
Duke University School of Medicine. 2018.

Duke University School of Medicine Application Review Committee (2017-2020)

General Surgery Residency Selection Committee
Duke University Medical Center, 1990-2020

Duke Cancer Institute Executive Committee
Duke University Medical Center, 1999-2020

Duke University School of Medicine Curriculum Committee (2016-2021)

Member, Perioperative Executive Committee
Duke University Medical Center, 2005-2021

Member, Department of Surgery Clinical Operations Committee (2014-2020)

**Chairman, Duke Cancer Institute Clinical Cancer Committee
Duke University Medical Center, 2000-present**

**Member, Patient Safety and Clinical Quality Committee
Duke University Medical Center, 2002-present**

**Member, Department of Surgery Appointment, Promotion, and Tenure Committee
Duke University Medical Center, 2010-Present**

Director, Thoracic Oncology Program, Duke Cancer Institute, 2011-Present

**Member of Clinical Competency Committee in General Surgery and CT Surgery
2014-present**

Teaching responsibilities:

MS2 Medical Students:

Course Director, CT Surgery (Surgery Rotation)

Course Director, Modern General Thoracic Surgery (Selective Course)

MS3 Medical Students

Longitudinal Integrated Clerkship (LIC) Preceptor

Continuity Clinic Preceptor

MS4 Medical Students

Course Director, General Thoracic Surgery (2-5 students annually)

Clinical activity:

Thoracic oncology

Lung Cancer

Esophageal Cancer

Mesothelioma

Chest Wall and Mediastinal Malignancy

Areas of research interest:

Thoracic Oncology

1. Development and evolution of Thoracoscopic Lobectomy and minimally invasive management of lung cancer and esophageal cancer
2. Role of immune checkpoint inhibitors in the treatment of patients with lung cancer
3. Role of immune checkpoint inhibitors in the treatment of patients with esophageal cancer
4. Development and improvement of guidelines used in the treatment of patients with lung cancer and esophageal cancer

Grant Support**Current Support**

NCCN Lung Cancer Database (Co-PI) 12/2007-present 0%
 Participation in development of database for outcomes research in non-small cell lung cancer, based on the NCCN guidelines. Monitoring of ongoing data collection across NCCN centers. Coordination of outcomes reports. Design and coordination of clinical research efforts related to the outcomes database.

Comparative Efficacy in Cancer
 Challenge Grant (Jane Weeks MD PhD PI) 1/1/2011- Present 0%
 National Institutes of Health
Grant consultant, Comparative Efficacy in Non-Small Cell Lung Cancer

Completed Research Support

American College of Surgeons Faculty Research Award 1997-1999 D'Amico (PI) \$60,000
Molecular Markers in Lung Cancer: Implications for the Development of Brain Metastases
 The goal of this project was to design a prognostic model using panel of immunohistochemical markers which predicts the development of isolated cerebral metastases in patient with stage I lung cancer after surgical resection.

1R21 CA91565-01 Michael Kelley (PI) 02/01/02 – 01/31/04 10%
 NIH/National Cancer Institute \$225,000
Measurement of Hypoxia in Non-Small Cell Lung Cancer

The goals of this project were to measure oxygen tension in NSCLC tumors by EF5 binding and assess potential correlations with electrode measured oxygen levels, hypoxia-mediated biological responses, and tumor blood flow.

NIH/NCI 5U01 CA096123 Michael Kelley (PI) 9/26/02 – 8/31/07 10%
Phase I Study of gefitinib (IRESSA®) and celecoxib in Former Smokers with Advanced, Previously Treated Non-Small Cell Lung Cancer

The goals of this project are to assess the clinical toxicity and tumor response for the combination of gefitinib (IRESSA®) and celecoxib in patients with advanced NSCLC as well as assess the effects of this drug combination on pharmacodynamic markers thought to be useful in assessing efficacy of these drugs, both as treatment agents and chemoprevention agents.

5U01 CA096123 (PI: Michael Kelley) 9/26/02 – 8/31/07 0.6 calendar
 NIH/NCI \$291,836

Phase I Study of gefitinib (IRESSA®) and celecoxib in Former Smokers with Advanced, Previously Treated Non-Small Cell Lung Cancer

The goals of this project are to assess the clinical toxicity and tumor response for the combination of gefitinib (IRESSA®) and celecoxib in patients with advanced NSCLC as well as assess the effects of this drug combination on pharmacodynamic markers thought to be useful in assessing efficacy of these drugs, both as treatment agents and chemoprevention agents.

NIH R33 Adam Wax(PI) 8/1/04-7/31/08

In vivo detection of pre-cancerous lesions using a/LCI This is a Phase II non-competing continuation of a completed R21 project listed above, aimed at demonstrating clinical application of the a/LCI technique.

SPIRATION Momen Wahidi (PI) 3/29/05 – 7/30/07 \$152,261 0.12 calendar

A pilot study of the Spiration Intra-Bronchial Valve (IBV) in patients with severe emphysema. The goal of this project will be to assess the safety and effectiveness of the IBV system when used in the airways of human subjects

Personal Information

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