

## CURRICULUM VITAE

Updated 4/4/2022

**NAME:** Jonathan Carl Nesbitt, M.D.

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**BIRTH DATE AND PLACE:** September 26, 1955  
Milwaukee, Wisconsin

### EDUCATION:

August 1973 - June 1977	B.A. University of Virginia Bio Charlottesville, Virginia
August 1977 - June 1981	M.D. Georgetown University School of Medicine Washington, DC

### POSTGRADUATE TRAINING:

July 1981 - June 1986	General Surgery Internship and Residency, Vanderbilt University Medical Center Nashville, Tennessee
July 1986 - June 1987	General Surgery Chief Resident Vanderbilt University Medical Center Nashville, Tennessee
July 1987 - June 1988	Cardio-Thoracic Surgery Resident Albany Medical Center Albany, New York
July 1988 - June 1989	Cardio-Thoracic Chief Resident Albany Medical Center Albany, New York

<b>LICENSURES:</b>	Texas	J2707	11/14/92 - inactive
	Tennessee	15975	12/10/84 – active
	Kentucky	55243	6/10/21 - inactive

**SPECIALTY BOARDS:**

1981	National Board of Medical Examiners
1988 – 2007	American Board of General Surgery (with recertification 1997)
05/18/90 – 12/31/2030	American Board of Thoracic Surgery-4992 (with recertification 1999, 2009, 2018)
1994 – 2004	American Board of Surgical Critical Care

**PRESENT TITLE  
AND AFFILIATION:**

Professor Department of Thoracic Surgery  
Residency Program Director  
Vanderbilt University Medical Center  
Nashville, TN 37232

**MILITARY SERVICE:**

USNR, MC (1982 – 1992)  
07/89 – 07/92 (Active Duty)  
Rank: Commander  
Honorable Discharge 07/92

**ACADEMIC AND PROFESSIONAL APPOINTMENTS:**

1987 – 1989	Instructor in Surgery Albany Medical College Albany, New York
1989 – 1992	Assistant Head Department of Cardio-Thoracic Surgery National Naval Medical Center Bethesda, Maryland
1989 – 1992	Staff Surgeon Department of Cardio-Thoracic Surgery National Naval Medical Center Bethesda, Maryland

1989 - 1992	Assistant Professor Uniformed Services University of Health Sciences Bethesda, Maryland
1992 - 1996	Assistant Surgeon and Assistant Professor of Thoracic Surgery Department of Thoracic and Cardiovascular Surgery M. D. Anderson Cancer Center Houston, Texas
1995 - 1997	Active Staff Department of Surgery Harris County Hospital District Houston, Texas 77266
1995 - 1997	Active Staff Division of Thoracic and Cardiovascular Surgery Department of Surgery, Hermann Hospital Houston, Texas 77030-1501
1996 - 1997	Associate Surgeon and Associate Professor of Surgery with Tenure (1997) Department of Thoracic and Cardiovascular Surgery The University of Texas M. D. Anderson Cancer Center, Houston, TX
1997 - 2000	Adjunct Associate Professor Department of Thoracic & Cardiovascular Surgery M. D. Anderson Cancer Center Houston, TX 77005
1997- 2007	Staff Surgeon St. Thomas Hospital Nashville, TN
2002 - 2006	Head, Division of Cardiothoracic Surgery St. Thomas Hospital Nashville, TN
2002 - 2006	Director, Division of Thoracic Surgery Cardiovascular Surgery Associates, P.C.

St. Thomas Hospital  
Nashville, TN

2008 - 2016	Associate Professor of Surgery Vanderbilt University Medical Center Department of Thoracic Surgery Nashville, TN
2011 – 2015	Vice Chair for Clinical Affairs Vanderbilt University Medical Center Department of Thoracic Surgery Nashville, TN
2015 - Present	Residency Program Director Vanderbilt University Medical Center Department of Thoracic Surgery Nashville, TN
2015 – 2016	Interim Chairman Vanderbilt University Medical Center Department of Thoracic Surgery Nashville, TN
2016-2021	Chairman Vanderbilt University Medical Center Department of Thoracic Surgery Nashville, TN
2016-Present	Professor of Surgery Vanderbilt University Medical Center Department of Thoracic Surgery Nashville, TN
2020-2022	Medical Director Vanderbilt University Medical Ctr. Department of Thoracic Surgery Nashville, TN

**HOSPITAL APPOINTMENTS:**

1/2008 - Present	Vanderbilt University Hospital
3/2008 - 06/2012	Nashville General Hospital at Meharry
5/2009 - Present	Williamson Medical Center
3/2010 - Present	Tennessee Valley Healthcare System (Department of Veterans Affairs)
1/2012 – 09/2017	Maury Regional Medical Center

**LOCAL, STATE, NATIONAL AND INTERNATIONAL ADMINISTRATIVE RESPONSIBILITIES:**

1992	Lung Cancer Task Force – American College of Pathologists
1993 – 1997	Strategy Group for NSCLC – National Cancer Institute
1993 – 1997	Intergroup Working Cadre for Lung Cancer – National Cancer Institute
1993 -1997	Thoracic Intergroup Clinical Trials in Thoracic Oncology - National Cancer Institute
1995 -1997	Director, Clinical Education and Training Program Division of Surgery and Anesthesiology Department of Thoracic and Cardiovascular Surgery
1996 -1997	Promotions Committee, Div. of Surgery and Anesthesiology The University of Texas M. D. Anderson Cancer Center
1997	Physician-in-Chief-On-Call The University of Texas M. D. Anderson Cancer Center
2002 – 2006	Head, Division of Cardiothoracic Surgery, St. Thomas Hospital
2009 – Present	Sub-committee for Simulation-based Learning Joint Council on Thoracic Surgery Education (JTCSE)
2013 – 2015	TSFRE Representative on the Advisory Board of Joint Council on Thoracic Surgery Education (JTCSE)
2010 – Present	Advisory panel for CELA, VUSM
2012 – Present	Co-Director, TSDA Annual National Boot Camp, Chapel Hill, North Carolina

2013 – 2017	VICC Physicians Leadership Medical Director member Monthly meeting-Vanderbilt University School of Medicine
2014 - 2018	Promotions Committee for the Class of 2018 Students. Leadership member-Vanderbilt University School of Medicine
2015 - 2018	President, William H Scott, Jr. Society June, 2015
2015 – Present	Program Director, Thoracic Surgery Residency Program
2019 - 2020	Nominating Committee, Thoracic Surgery Directors Association
2019 – 2020	Chair of the adhoc Simulation Committee, Thoracic Surgery Directors Association
2019 – 2022	Councilor on Executive Committee, Thoracic Surgery Directors Association
2021-2025	Secretary/Treasurer, Thoracic Surgery Directors Association
2021-2025	Chair, Thoracic Surgery Directors Association Finance Committee

## **PHILANTHROPY**

2009 – 2014	Board Member, Middle TN Council, Juvenile Diabetes Research Foundation (JDRF) Chair, Major Gifts
2015	Co-Chairman, Annual JDRF Gala

## **SOCIETY MEMBERSHIPS:**

American Association for Thoracic Surgery  
 American College of Surgeons  
 General Thoracic Surgical Club  
 H. William Scott, Jr. Surgical Society  
 Nashville Surgical Society  
 Society for Simulation in Healthcare  
 Society of Surgical Oncology  
 Society of Thoracic Surgeons  
 Southern Thoracic Surgical Association  
 Thoracic Surgery Directors Association

## **EDITORIAL BOARDS:**

1989-92	Physician Data Query (PDQ) of National Institute Health
1993-99	Annals of Surgical Oncology
1993-Present	Journal of Surgical Oncology (Ad hoc Reviewer)
	Surgery (Ad hoc Reviewer)
	Chest (Ad hoc Reviewer)
	Annals Thoracic Surgery (Ad hoc Reviewer)
	Lung Cancer (Ad hoc Reviewer)

## **HONORS & AWARDS:**

1977	Cum Laude, The University of Virginia, Charlottesville, VA
1985	Gold Medal Paper, Southeastern Surgical Association
1989 - 1992	Navy Achievement Medal, Navy Unit Commendation, Meritorious Unit Commendation, National Defense Medal. Southwest Asia Campaign Medal, Sea Service Ribbon, Kuwait Liberation medal, Expert Marksman Ribbon. The United States Navy
1995	Surgical Oncology Residents Teaching Award Department of Surgical Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX
1996	Sawyers Outstanding Paper, Vanderbilt University, H. William Scott, Jr. Surgical Society, 1996
1996 - Present	Best Doctors in America
2004	ASCO Clinical Trials Participation Award
2000 - Present	America's Top Doctors (Cancer) - Castle Connolly
2009	Awarded GIVME Education grant
2010	Covidien Simulation grant
2011	5-Star Excellence Award-For scoring in the top 10% Nationally for "Excellent" responses Provider-Surgical Specialties Services Doctor's Quality of Care

2014	5-Star Excellence Award-For Top Scoring Physician Nationally for “Excellent” responses Provider-Surgical Specialties Services Doctor’s Quality of Care
2014	Recipient of the Seventh Annual Robert S. McCleery Master Teacher Award for Surgical Resident Education by Vanderbilt University Medical Center and the Section of Surgical Sciences
2014	Chosen member of the Academy of Excellence in Teaching at the Vanderbilt University School of Medicine
2020	Patient Experience Award

#### **PATENTS:**

#7,935,030 B1 May 3, 2011; Inventor: **Jonathan C. Nesbitt** (appl. No. 11/827,263; Filed July 11, 2007). “An improved walker apparatus for a user with a pedestal having a plurality of attachment holes for attaching a variety of devices”.

#### **TEXTBOOK:**

1. **Thoracic Surgical Oncology: Exposures and Techniques.**  
**Nesbitt JC**, Wind GG (Authors and Editors), Lippincott, Williams & Wilkins, Philadelphia, PA, 2003.

#### **PUBLISHED ARTICLES IN REFEREED JOURNALS:**

1. **Nesbitt JC**, Moise KJ, Sawyers JL: Colorectal carcinoma in pregnancy. Arch Surg 120(5):636-40, May 1985. [PMID: 3985804](#)
2. Sawyers JL, **Nesbitt JC**: Surgical management of esophageal perforations. Surgical Rounds, pg 26-30, 1985.
3. **Nesbitt JC**, McDougal WS, Lowe W, Abumrad NN, Nylander WA: A new model to study acute and chronic renal failure. American Surgeon. 52(12):651-3, Dec. 1986c. [PMID: 3789543](#)
4. **Nesbitt JC**, Sawyers JL: Surgical management of esophageal perforation. The American Surgeon 53(4):183-191, 1987. [PMID: 3579023](#)
5. **Nesbitt JC**, Miller B, Herrington JL: Multiple esophageal diverticula: Case Report. Contemporary Surg, pages 13-16, 1988.
6. Shaw GL, Gazdar AF, Phelps R, Linnoila RI, Ihde DC, Johnson BE, Oie HK,



- Pass HI, Steinberg SM, Ghosh BC, Walsh TE, **Nesbitt JC**, Cotelingam JD, Minna JD, Mulshine JL: Individualized chemotherapy for patients with non-small cell lung cancer determined by prospective identification of neuroendocrine markers and in vitro drug sensitivity testing. Cancer Res 53:5181-5187, 1993. [PMID: 8221655](#)
7. Shaw GL, Falk RT, Deslauriers J, Frame JN, **Nesbitt JC**, McKneally MF, Feld R, Pass HI, Caporaso NE, Issaq HJ, Ruckdeschel JC, Hoover RN, Tucker MA: Debrisoquine metabolism and lung cancer risk. Cancer Epidemiol Biomarkers Prev 4:41-48, 1995. [PMID: 7894323](#)
  8. Johnson BE, Salem C, **Nesbitt JC**, Gazdar AF, Lesar M, Phelps R, Edison M, Linnoila RI, Phares J, Pass H, Mulsine JL, Minna JD, Glatstein E, Ihde DC: Limited stage small cell lung cancer treated with concurrent hyperfractionated chest radiotherapy and etoposide/cisplatin. Lung Cancer 9:S21-S26, Aug 1993.
  9. Shaw GL, Falk RT, Deslauriers J, **Nesbitt JC**, McKneally MF, Frame JN, Feld R, Issaq HJ, Ruckdeschel JC, Hoover RN: Lung tumor resection does not affect debrisoquine metabolism. Cancer Epidemiol 3:141-144, 1994. [PMID: 8049635](#)
  10. Walsh GL, Morice RC, Putnam JB, **Nesbitt JC**, McMurtrey MJ, Ryan B, Reising J, Willis KM, Morton JD, Roth JA: Resection of Lung Cancer is Justified in High Risk Patients Selected by Exercise Oxygen Consumption. Ann Thorac Surg 58:704-711, 1994. [PMID: 7944692](#)
  11. Carrasco CH, **Nesbitt JC**, Charnsangave j C, Ryan B, Walsh GL, Yasumori L, Lawrence DD, Wallace S: Management of tracheal and bronchial stenoses with the Gianturco stent. Annals of Thoracic Surgery. 58(4):1012-6; discussion 1017, Oct. 1994. [PMID: 7524459](#)
  12. Walsh GL, **Nesbitt JC**: Inadequacy, Mortality, and Thoracoscopy. Ann Thorac Surg 60:233, 1995. [PMID: 7598614](#)
  13. Walsh GL, **Nesbitt JC**: Tumor implants following thoracoscopic resection of a metastatic sarcoma. Ann Thorac Surg 59:215-216, 1995. [PMID: 7818327](#)
  14. **Nesbitt JC**, Putnam JB, Walsh GL, Roth JA, Mountain CF: Survival in Early Stage Non-small Cell Lung Cancer. Ann Thorac Surg Aug;60:466-472, 1995. [PMID: 7646126](#)
  15. Shannon V, **Nesbitt JC**, Libshitz H: Malignant pleural mesothelioma following radiation therapy for breast cancer: A report of two additional cases. Cancer 76:437-441, 1995. [PMID: 8625125](#)
  16. Soysal O, Walsh GL, **Nesbitt JC**, McMurtrey MJ, Roth JA, Putnam JB:

- Resection of sternal tumors: extent, reconstruction and survival. Ann Thorac Surg 60:1353-1359, 1995. [PMID: 8526626](#)
17. Walsh GL, O'Conner M, Wong R, Milas M, Willis K, **Nesbitt JC**, Putnam JB, Roth JA: Is follow-up of lung cancer patients after resection medically indicated and cost effective? Ann Thorac Surg, 60:1563-1572, 1995. [PMID: 8787445](#)
  18. Kim Y-H, Dohi DF, Zou C-P, Oridate N, Walsh GL, **Nesbitt JC**, Xu X-C, Hong WK, Lotan R, Kurie JM: Retinoid refractions occurs during lung carcinogenesis despite functional retinoid receptors. Cancer Res 55:5603-5610, 1995. [PMID: 7585641](#)
  19. Shaw GL, Falk RT, Deslauriers J, Frame JN, **Nesbitt JC**, Pass HI, Issaq HJ, Hoover RN, Tucker MA: Debrisoquine metabolism and lung cancer risk. Cancer Epidemiol Biomarkers Prev 4:41-48, 1995 [PMID: 7894323](#)
  20. **Nesbitt JC**, Vega JD, Burke T, Mackay B: Cellular Schwannoma of the Bronchus. J Ultrastruct Pathol 20:349-353, 1996. [PMID: 8837342](#)
  21. Roth JA, Nguyen D, Lawrence DD, Kemp BL, Carrasco CH, Ferson DZ, Hong WK, Komaki R, Lee J, **Nesbitt JC**, Pisters KM, Putnam JB, Shea R, Shin DM, Walsh GL, Dolormente MM, Han C-I, Martin FD, Yen N, Stephens C, McDonnell TJ, Mukhopadhyay T, Cai D: Retrovirus-mediated wild-type p53 gene transfer to tumors of patients with lung cancer. Nature Med 2:985-991, 1996. [PMID: 8782455](#)
  22. Steinberg SM, Edison M, Frame JN, Pass H, **Nesbitt JC**, Nolden D, Mulshine JL, Glatstein E, Ihde DC: Patients with Limited Stage Small Cell Lung Cancer Treated with Concurrent Twice Daily Chest Radiotherapy and Etoposide/Cisplatin followed by Cyclophosphamide, Doxorubicin, and Vincristine or In Vitro Selected Chemotherapy. J Clin Oncol 14(3):806-813, 1996. [PMID: 8622028](#)
  23. **Nesbitt JC**, Carrasco H: Expandable stents. [Review] [33 refs] Chest Surgery Clinics of North America. 6(2):305-28, May 1996. [PMID: 8724281](#)
  24. Ferson DZ, **Nesbitt JC**, Nesbitt KK, Walsh GL, Putnam JB, Schrump DS, Jones RL, Roth JA: The laryngeal mask airway: A new standard for airway evaluation in thoracic surgery. Ann Thorac Surg 63:768-772, 1997. [PMID: 9066399](#)
  25. **Nesbitt JC**, Soltero E, Dinney C, Walsh GL, Schrump DS, Willis KD, Putnam JB: Surgical management of renal cell carcinoma with inferior vena cava tumor thrombus. Ann Thorac Surg 63:1592-1600, 1997. [PMID: 9205155](#)
  26. Lee H, Dawson MI, Walsh GL, **Nesbitt JC**, Eckert RL, Fuchs E, Hong WK,

- Lotan R, Kurie JM: Retinoid and receptor-and retinoid X receptor-selective retinoids activate signaling pathways that converge on AP-1 and inhibit squamous differentiation in human bronchial epithelial cells. Cell Growth Diff 7:997-1004, 1996. [PMID: 8853895](#)
27. Walsh GL, Gokaslan ZL, McCutcheon I, Yasko A, Mineo MT, Swisher SG, Schrupp DS, **Nesbitt JC**, Putnam JB, Roth JA: Anterior approaches to the thoracic spine in patients with cancer: Indications and results. Ann Thorac Surg 64:1611-1618, 1997. [PMID: 9436544](#)
  28. **Nesbitt JC**, Gregoric ID, Pisters LL: Renal cell carcinoma with Budd-Chiari Syndrome. Contemporary Surgery 53(1):53-56, 1998.
  29. Slaton JW, Balbay MD, Levy DA, Pisters LL, **Nesbitt JC**, Swanson DA, Dinney PN: Nephrectomy and vena caval thrombectomy in patients with metastatic renal cell carcinoma. J Urology 50(5):673-7, 1997. [PMID: 9372873](#)
  30. Swisher SG, Roth JA, Nemunaitis J, Lawrence DD, Kemp BL, Carrasco C, Connors D, El-Naggar AK, Fossella F, Glisson B, Hong WK, Khuri F, Kurie J, Lee JJ, Lee JS, Mack M, Merritt , Nguyen D, **Nesbitt JC**, Perez-Soler R, Pisters K, Putnam JB, Richli W, Savin M Schrupp D, Shin D, Shulkin A, Walsh G, Wait J, Weill D, Waugh M: Adenoviral-Mediated p53 Gene transfer in advanced non-small cell lung cancer. Journal of National Cancer Institute, Vol. 91, 763-771, 1997. [PMID: 10328106](#)
  31. Roth JA, Swisher SG, Merritt JA, Lawrence DD, Kemp BL, Carrasco CH, El-Naggar AK, Fossella FV, Glisson BS, Hong WK, Khuri FR, Kurie JM, **Nesbitt JC**, Pisters KMW, Putnam Jr. JB, Schrupp DS, Shin DM, Walsh GL: Gene therapy for non-small cell lung cancer: a preliminary report of a phase I trial of Adenoviral p53 gene replacement. Seminars in Oncology, 25(3)Suppl 8:33-37 (June) 1998. [PMID: 9704675](#)
  32. Shin DM, Walsh GL, Komaki R, Putnam JB, **Nesbitt JC**, Ro JY, Shin JUC, Ki KH, Wimberly A, Pisters KMW, Schrupp DS, Gregurich MA, Cox JD, Roth JA, Hong WK: Multidisciplinary approach to therapy for unresectable malignant thymoma. Ann Int Med, 129(2):100-104, July, 1998. [PMID: 9669967](#)
  33. Shaw GL, Falk RT, Frame JN, Weiffenbach B, **Nesbitt JC**, Pass HI, Caporaso NE, Moir DT, Tucker MA: Genetic polymorphism of CYP2D6 and lung cancer risk. Cancer Epidemiology, Biomarkers & Prevention 7(3):215-9, March 1998. [PMID: 9521436](#)

34. Munden R, **Nesbitt JC**, Kemp BL, Vega DM, Papadopoulos NE: Primary liposarcoma of the mediastinum. Am J Roentgenology, 175:1340, November, 2000. [PMID: 11044037](#)
35. Gandhi S, Walsh GL, Komaki R, Gokaslan Z, **Nesbitt JC**, Putnam JB Jr, Roth JA, Merriman KW, McCutcheon IE, Swisher SG: An aggressive multidisciplinary surgical approach to superior sulcus tumors with vertebral invasion can lead to long-term survival. Annals of Thoracic Surgery 1999 Nov;68(5):1778-84, discussion 1784-5. [PMID: 10585058](#)
36. Nemunaitis J, Swisher SG, Timmons T, Connors D, Mack M, Doerksen L, Savin M, Weill D, Shulkin A, Wait J, Ognoskie N, Lawrence DD, Kemp BL, Fossella F, Glisson BS, Hong WK, Khuri FR, Kurie JM, Lee JJ, Lee JS, Nguyen DM, **Nesbitt JC**, Perez-Soler R, Pisters KMW, Putnam JB, Richli WR, Shin MDM, Walsh GL, Merritt J, Roth J: Adenovirus-mediated p53 gene transfer in sequence with cisplatin to tumors of patients with non-small cell lungcancer, Journal of Clinical Oncology. 2000 Feb;18(3):609-22, [PMID: 10653876](#)
37. Yen N, Ioannides C, Xu K, Swisher SG, Lawrence DD, Kemp BL, El-Naggar AK, Cristiana RJ, Fang B, Glisson BS, Hong WK, Khuri FR, Kurie JM, Lee JKJ, Lee JS, Merritt JA, Mukhopadhyay T, **Nesbitt JC**, Perez-Soler R, Pisters KMW, Putnam Jr. JB, Schump DS, Shin DM, Walsh GL, Roth JA: Cellular and humoral immune responses to adenovirus and p53 protein antigens in patients following intratumor injection of an adenovirus vector expressing wildtype p53 (Ad-p53), Cancer Gene Therapy, 2000 Apr; 7(4):530-6. [PMID: 10811470](#)
38. Walsh GL, Taylor G, **Nesbitt JC**, Amato RJ: Improved survival following intensive chemotherapy and radical resections in patients with primary non-seminomatous germ cell tumors of the mediastinum, Annals of Thoracic Surgery, 69:337-44, February 2000. [PMID: 10735660](#)
39. Rolston KVI, **Nesbitt JC**, Walsh GL, Putnam JB, Teng R, Dogolo L, Vincent J, Bodey GP: The penetration of trovafloxacin into lung tissue, skin, subcutaneous tissue, skeletal muscle, and bone in patients undergoing thoracotomy. Clin Pulm Med, Williams & Wilkins, 2000.
40. Ajani JA, Komaki R, Putnam JB, Walsh G, Nesbit J, Pisters PW, Lynch PM, Vaporciyan A, Smythe R, Lahoti S, Raijman I, Swisher S, Martin FD, Roth JA. A three-step strategy of induction chemotherapy then chemoradiation followed by surgery in patients with potentially resectable carcinoma of the esophagus or gastroesophageal junction. Cancer 2001 Jul15;92(2):279-86 [PMID: 11466680](#)
41. Lee YCG, Vaz MAC, Ely KA, McDonald EC, Thompson PJ, **Nesbitt JC**, Light RW: Symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment\* clinical and histologic features. Chest 119:3, March 2001. [PMID: 11243959](#)

42. Light RW, Rogers JT, Moyers JP, Lee YC, Rodriguez RM, Alford WC Jr, Ball SK, Burrus GR, Coltharp WH, Glassford DM Jr, Hoff SJ, Lea JW 4<sup>th</sup>, **Nesbitt JC**, Petracek MR, Starkey TD, Stoney WS, Tedder M.: Prevalence and clinical course of pleural effusions at 30 days after coronary artery and cardiac surgery. Am J Respir Crit Care Med. 2002 Dec 15;166(12 Pt 1):1567-71. Epub 2002 Oct 11. [PMID: 12406850](#)
43. Vaporciyan MD, Merriman KW, Ece F, Roth JA, Smythe WR, Swisher SS, Walsh GL, **Nesbitt JC**, Putnam Jr JB: Impact of timing of smoking cessation on pulmonary morbidity after pneumonectomy. Ann Thorac Surg, 73:420-5, 2002.[PMID: 11845853](#)
44. Swisher SG, Ajani JA, Komaki R, **Nesbitt JC**, Correa AM, Cox JD, Lahoti S, Martin F, Putnam J, Smythe WR, Vaporciyan AA, Walsh GL, Roth JA.: Long-term outcome of phase II trial evaluating chemotherapy, chemoradiotherapy, and surgery for loco-regionally advanced esophageal cancer. Int J Radiat Oncol Biol Phys. 2003 Sep 1;57(1):120-7. [PMID: 12909224](#)
45. Yamagata N, Shyr Y, Yanagisawa K, Edgerton M, Dang TP, Gonzalez A, Nadaf S, Larsen P, Robert JR, **Nesbitt JC**, Jensen R, Levy S, Moore JH, Minna JD, Carbone DP: A training-testing approach to the molecular classification of resected non-small cell lung cancer. Clin Cancer Res. 4695-704. 2003 Oct 15;9(13). [PMID: 14581339](#)
46. Lee YC, Knight DA, Lane KB, Cheng DS, Koay MA, Teixeira LR, **Nesbitt JC**, Chambers RC, Thompson PJ, Light RW. Activation of proteinase-activated receptor-2 in mesothelial cells induces pleural inflammation. AM J Physiol Lung Cell Mol Physiol . 2005 Apr;288(4):L734-40. Epub 2004 Dec 10. [PMID:15591415](#)
47. **Nesbitt JC.** Invited commentary. Ann Thorac surg. 2006 Feb;81(2):472-3. No abstract available. [PMID: 16427834](#)
48. Grogan EL, Deppen S, Pecot CV, Putnam JB Jr, **Nesbitt JC**, Shyr Y, Rajanbabu R, Ory B, Lambright ES, Massion PP. Diagnostic characteristics of a serum biomarker in patients with positron emission tomography scans. Ann Thorac Surg. 2010 Jun 89(6):1724-8 discussion 1728-9 [PMID: 20494018](#)
49. Isbell JM, Deppen S, Putnam JB Jr, **Nesbitt JC**, Lambright ES, Dawes A, Massion PP, Speroff T, Jones DR, Grogan EL. Existing general population models inaccurately predict lung cancer risk in Patients referred for surgical evaluation. Ann Thorac Surg. 2011 Jan;91(1):227-33; discussion 233. [PMID: 21172518](#)

50. Deppen SA, Putnam JB, Andrade G, Speroff T, **Nesbitt JC**, Lambright ES, Massion PP, Walker R, Grogan EL. Accuracy of FDG-PET to diagnose lung cancer in a region of endemic granulomatous disease. Ann of Thorac Surg May 16 [PMID: 21592456](#)
51. St. Julien J, Putnam JB Jr, **Nesbitt JC**, Lambright ES, Petracek MR, Grogan EL. Successful treatment of atrioesophageal fistula via cervical esophageal ligation and decompression. Ann of Thorac Surg. 2011 Jun;91(6):e85-6 [PMID: 21619954](#)
52. Grogan EL, Weinstein JJ, Deppen SA, Putnam JB, **Nesbitt JC**, Lambright ES, Walker R, Dittus RS, Massion PP. Thoracic operations for pulmonary nodules are frequently not futile in patients with benign disease. J of Thorac Oncol Jul 13 2011 [PMID: 21760552](#)
53. **Nesbitt JC**, Deppen S, Corcoran R, Cogdill S, Huckabay S, McKnight D, Osborne BF, Werking K, Gardner M and Perrigo L. Postoperative ambulation in thoracic surgery patients: standard versus modern ambulation methods. Nursing in Critical Care, In Press Article first published online: 30 JAN 2012 | DOI: 10.1111/j.1478-153.2011.00480. [PMID: 22497917](#)
54. Fann JJ, Feins RH, Hicks GL, **Nesbitt JC**, Hammon, JW, Crawford FA. Evaluation of simulation training in cardiothoracic surgery: The Senior Tour perspective. Journal of Thoracic and Cardiovascular Surgery. Feb 12 (Vol. 143, Issue 2, pages 264-272.e9, DOI:10.1016/j.jtcvs.2011.10.013) [PMID: 22075060](#)
55. Ellis CR, Streur MM, Scharf AW, **Nesbitt JC**. Successful Treatment of Esophageal Perforation Following Atrial Fibrillation Ablation with a fully Covered Esophageal Stent: Prevention of Atrial-Esophageal Fistula. The Journal of Innovations in Cardiac Rhythm Management. Jul 12 (Issue 3, pages 874-878)
56. St Julien JB, Pinkerman R, Aldrich MC, Chen H, Deppen SA, Callaway-Lane C, Massion P, Putnam JB, Lambright ES, **Nesbitt JC**, Grogan EL. Poor survival for veterans with pathologic stage I non-small-cell lung cancer. Am J Surg. 2012 Nov;204(5):637-42. doi: 10.1016/j.amjsurg.2012.07.008. Epub 2012 Aug 18 [PMCID: PMC3766956](#)
57. St Julien JB, Aldrich MC, Sheng S, Deppen SA, Burfeind WR Jr, Putnam JB, Lambright ES, **Nesbitt JC**, Grogan EL. Obesity Increases Operating Room Time for Lobectomy in The Society of Thoracic Surgeons Database. Ann Thorac Surg. 2012 Oct 3. pii: S0003-4975(12)01766-3. doi: 10.1016/j.athoracsurg. Aug 6, 2012 Oct 4. [PMID: 223040822](#)
58. **Nesbitt JC**, St Julien J, Absi TS, Ahmad RM, Grogan EL, Balaguer JM, Lambright ES, Deppen SA, Wu H, Putnam JB. Tissue-based coronary surgery simulation: Medical student deliberate practice can achieve equivalency to



senior surgery residents. J Thoracic Cardiovasc Surg. 2013 Jun, 145(6):1453-9. doi: 10.1016/j.jtcvs.2013.02.048. Epub 2013 Mar 15. [PMID: 23499474](#)

59. Macfie RC, Webel AD, **Nesbitt JC**, Fann JI, Hicks GL, Feins RH. "Boot camp" simulator training in open hilar dissection in early cardiothoracic surgical residency. Ann Thorac Surg. 2014 Jan;97(1):161-6. doi: 10.1016/j.athoracsurg.2013.07.074. Epub 2013 Oct 3. [PMID: 24090574](#)
60. Deppen SA, Blume JD, Aldrich MC, Fletcher SA, Massion PP, Walker RC, Chen HC, Speroff T, Degesys CA, Pinkerman R, Lambright ES, **Nesbitt JC**, Putnam JB Jr. Grogan EL. Predicting lung cancer prior to surgical resection in patients with lung nodules. J Thoracic Oncology 2014 Oct;10(9): 1477-84 [PMID: 25170644](#)
61. Feins RA, Burkhart HM, Conte JV, Coore DN, Fann JI, Hicks GL, Mokadam NA, **Nesbitt JC**, Ramphal PS, Schiro SE, Shen FK, Sridhar A, Stewart PW, Walker JD. Simulation Based Training in Cardiac Surgery for Improved Patient Safety. Ann Thorac Surg. 2017 Jan;103(1):312-321. doi: 10.1016/j.athoracsurg.2016.06.062. Epub 2016 Aug 25. [PMID: 27570162](#)
62. Mokadam NA, Fann JI, Hicks GL, **Nesbitt JC**, Burkhart HM, Conte JV, Coore DN, Ramphal PS, Shen KR, Walker JD, Feins RH. Experience With the Cardiac Surgery Simulation Curriculum: Results of the Resident and Faculty Survey. Ann thorac Surg. 2017 Jan;103(1):322-328. doi: 10.1016/j.athoracsurg.2016.06.074. [PMID: 27570163](#)
63. Maiga AW, Deppen SA, Pinkerman R, Callaway-Lane C, Massion PP, Dittus RS, Lambright ES, **Nesbitt JC**, Baker D, Grogan EL. Timeliness of Care and Lung Cancer Tumor-Stage Progression: How Long Can We Wait? Ann Thorac Surg. 2017 Dec;104(6):1791-1797. doi: 10.1016/j.athoracsurg.2017.06.051. Epub 2017 Oct 21. [PMID: 29033012](#)
64. Maiga AW, Deppen SA, Mercaldo SF, Blume JD, Montgomery C, Vaszar LT, Grogan EL, Williamson C, Isbell JM, Rickman OB, Pinkerman R, Lambright ES, **Nesbitt JC**. Assessment of Fluorodeoxyglucose F18-Labeled Positron Emission Tomography for Diagnosis of High-Risk Lung Nodules. JAMA Surg. 2017 Nov 8. doi: 10.1001/jamasurg.2017.4495. [Epub ahead of print] [PMID: 29117314](#)
65. Maiga AW, Deppen SA, Massion PP, Callaway-Lane C, Pinkerman R, Dittus RS, Lambright ES, **Nesbitt JC**, Grogan EL. Communication About the Probability of Cancer in Indeterminate Pulmonary Nodules. JAMA Surg. 2018 Apr 1; 153(4):353-357. Doi: 10.1001/jamasurg.2017.4878. [Epub ahead of print] [PMID: 29261826](#)

66. **Nesbitt JC**, Michaud NM, Brakebill A, Deppen SA, Williams P. Month-long cardiac surgery boot camp: A proposal to jumpstart resident training. J Thorac Cardiovasc Surg. 2018 Sept;156(3):1151-1157.doi:10.1016/j.jtcvs.2018.03.048. Epub 2018 Mar 17. No abstract available.  
[PMID: 29655539](#)
67. Liang Y, Sileshi B, Saklayen SL, Shaw A, **Nesbitt JC**. Anesthesia & Analgesia, "Complete neurologic recovery after acute prolonged superior vena cava occlusion during pneumonectomy: a case report. 2018 In press
68. Maiga AW, Deppen SA, Denton J, Matheny ME, Gillaspie EA, **Nesbitt JC**, Grogan EL. Uptake of Video-Assisted Thoracoscopic Lung Resections Within the Veterans Affairs for Known or Suspected Lung Cancer. JAMA Surg. 2019 Mar 13. Doi: 10.1001/jamasurg.2019.0035. [Epub ahead of print] [PMID: 30865221](#)
69. Teng Z, Zhang P, Li Xiao, Nock W, Rodriguez-Cancio M, White J, Schmidt DC, **Nesbitt JC**. "Authentication & Integration Approaches for mHealth Apps from a Usability View". Advances in Electrical Engineering. 2021 Mar. DOI: 10.15598/aeer. v19i1.3301

#### INVITED JOURNAL ARTICLES:

1. Carrasco CH, **Nesbitt JC**, Charnsangavej C, Ryan MB, Walsh GL, Yasumori K, Lawrence DD, Wallace S: Management of Tracheal and Bronchial Stenoses with the Gianturco Stent. 1996 Year Book of Thoracic Surgery, Ed. Mosby-Year Book, Inc., Chicago, IL, 1996.
2. Walsh GL, Morice RC, Putnam JB, **Nesbitt JC**, McMurtrey MJ, Ryan MB, Reising J, Willis KM, Morton JD, Roth JA: Resection of lung cancer is justified in high risk patients selected by exercise oxygen consumption. 1996 Year Book of Thoracic Surgery, Ed. Mosby-Year Book, Inc., Chicago, IL, 1996.
3. Walsh GL, **Nesbitt JC**: Tumor implants after thoracoscopic resection of a metastatic sarcoma. Endokhirurgija Segodnya (Endosurgery Today) 9:62-63, Greece, 1996.
4. **Nesbitt JC**: Invited Commentary - Surgical treatment of hepatic and pulmonary metastases from colorectal carcinoma. Ann Thorac Surg, 1998.
5. Swisher SG, Hu MI, Hunt KK, Ajani JA, Holmes EC, **Nesbitt JC**, Putnam JB, Roth JA, Walsh GL, Zinner MJ, McFadden DW: Short and long-term outcomes following esophagogastrectomy in elderly patients, geriatrics and aging, Ontario, November,



1997.

6. **Nesbitt JC:** Invited Commentary – Nonoperative treatment of 15 benign esophageal perforations with self-expandable covered metal stents. Ann Thorac Surg, 81:467-73, Feb, 2006.
7. **Nesbitt JC:** Invited Commentary - Centralizing resident education: From basic training to finishing school. J Thoracic Cardiovasc Surg. 2017; 154(6):2017-2018. Doi: 10.1016/j.jtcvs.2017.08.066. Epub 2017 Sep 1. No abstract available. [PMID: 28967426](#)
8. **Nesbitt JC:** Invited Commentary – Simplifying the simple. JTCVS Tech. 2021 Jun 10; 8:114-115. Doi: 10.1016/j.xjtc.2021.06.010. eCollection 2021 Aug. [PMID: 34401828](#)
9. Tingquist Nicholas, **Nesbitt Jonathan:** Invited Commentary – Anterior superior sulcus tumor resection: Easing complexity. JTCVS Tech. 2021 Sept 15; 10:530-531. Doi: 10.1016/j.xjtc.2021.09.021
10. **Nesbitt Jonathan C:** Invited Commentary – Resident scholarship challenges during the clinical train ride. JTCVS 2022 Feb; 163(2):746-747. Doi: 10.1016/j.jtcvs.2020.10.091. [PMID: 33234255](#)

#### **BOOK CHAPTERS:**

1. Wagner RL, **Nesbitt JC: Pulmonary torsion and gangrene in complications in Thoracic Surgery.** Chest Surgery Clinics of North America. Pairolero PC (ed), pg 839-861, 1992.
2. **Nesbitt JC, Moores DWO: Gastroesophageal Reflux in Infants and Children. Thoracic Surgery/Esophageal Surgery.** Pearson FG, Deslauries J, Ginsberg RJ, Hiebert CA, McKneally MF, and Urschel HC (eds), Chapter 13, pg 241-252, 1994.
3. **Nesbitt JC: Surgical Management of Superior Vena Cava Syndrome. Lung Cancer Principles and Practices.** Pass HI, Mitchell J, Johnson DH, Turrisi AT (eds). Lippincott-Raven, Philadelphia, Pennsylvania, Chapter 43, pg 671-681, 1996.
4. **Nesbitt JC, Moores JC: Staging of Lung Cancer. Thoracic Oncology, 2nd Edition.** Roth JA, Ruchdeschel JC, Weisenburger TH (eds), W. B. Saunders, Philadelphia, Pennsylvania, pg 84-103, 1995.

5. **Nesbitt JC**, Putnam JB, Ryan MB, Walsh GL, Roth JA: Malignant Diseases of the Lung. Current Practices of Surgery, Update 4. Levine, Copeland, Howard, Sugerman, Warshaw (eds), Churchill Livingstone, New York, Chapter VIII/4, pg 1-44, 1995.
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7. **Nesbitt JC**, Lee JS, Komaki R, Hong WK, Roth JA: Cancer of the Lung. **Cancer Medicine, 4th Edition**. Holland JF, Frei E, Bast R, Kufe D, Morton D, Weichselbaum R (eds), Neoplasms of the Thorax, Williams & Wilkins, Baltimore, MD, Chapter 30, pg 1723-1803, 1996.
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9. **Nesbitt JC**: Thoracoscopy in the Staging of Lung Cancer. **Mediterranean Congress on Interventional Diagnosis for Thorax Diseases**. Mondezza (ed), Litosei-Rastignano-Bologna, Italy, pg 103-109, May 1996.
10. **Nesbitt JC**, Stewart JR: Surgical Management of Vena Caval Tumors. **Advanced Therapy in Thoracic Surgery**. Putnam JB, Franco KL (eds), B.C. Decker Inc. Publisher, Hamilton, Ontario, Canada, pg. 244-253, 1998.
11. Walsh GL, Nesbitt JC: Recent Advances in Diagnostic and Therapeutic Bronchoscopy. **Advances Therapy in Thoracic Surgery**. Putnam JB, Franco KL (eds), B.C. Decker Inc. Publisher, Hamilton, Ontario, Canada, pg. 36-53, 1998.
12. **Nesbitt JC**, Walsh GL: Surgical Management of Esophageal Perforation. **Advanced Therapy in Thoracic Surgery**. Putnam JB, Franco KL (eds), B.C. Decker Inc. Publisher, Hamilton, Ontario, Canada, pg 300-511, 1998.
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14. Nesbitt **JC**, Meko JB: Treatment of resectable non-small cell lung cancer. **Advanced Therapy in Thoracic Surgery**. 2<sup>nd</sup> Edition. Putnam JB, Franco KL (eds), B.C. Decker Inc. Publisher, Hamilton, Ontario, Canada, pg. 224-253, 1998
15. **Nesbitt JC**: Surgical Management of Superior Vena Cava Syndrome. Lung

**Cancer: Principles and Practice, 2nd Edition**, Pass HI, Mitchell J, Johnson DH, Turrisi AT (eds), Lippincott, Williams & Wilkins, Philadelphia, PA, pg. 1056-1070, 2000.

16. Zorn GL, **Nesbitt JC**: Surgical Management of Early Stage Lung Cancer. Seminars in Surgical Oncology 2000; 18:124-2000 Wiley-Liss, Inc. [PMID: 10657914](#)
17. Vaporciyan AA, **Nesbitt JC**, Lee JS, Komaki R, Hong WK, Roth JA: Cancer of the Lung. **Cancer Medicine, 5<sup>th</sup> Edition**. Holland JF, Frei E, Bast R, Kufe D, Morton D, Weichselbaum R (eds), Neoplasms of the Thorax, Williams and Wilkins, Baltimore, MD, Chapter 30, page 1723-1803, 2000.
18. Chang A, **Nesbitt JC**: Primary chest wall tumors. **Current surgical therapy, Seventh Edition**, Cameron JL, Harcourt, Inc., Orlando, FL, 2001.
19. Wudel LT, **Nesbitt JC**: Superior vena cava syndrome. **Current treatment options in oncology**, Ettinger DS, Gandara DR (eds), Current Science, Inc., Philadelphia, PA, 2001. [PMID: 12057143](#)
20. Zorn GL, **Nesbitt JC**: Middle mediastinal masses. **Current therapy in thoracic and cardiovascular surgery**, Yang S, Cameron D (eds), Mosby, Philadelphia, PA, pg. 330-333, 2004.
21. Chang AC, **Nesbitt JC**, Cameron JL: Primary chest wall tumors. **Current surgical therapy**. Eighth Edition, Elsevier Mosby, Philadelphia, PA, pg. 665-671, 2004
22. **Nesbitt JC**: Surgical management of superior vena cava syndrome. **Lung Cancer: Principles and practice**. Third Edition, Pass HI, Mitchell J, Johnson DH, Minna JD, Turrisi AT (eds). Lippincott, Williams, and Wilkins, Philadelphia PA, 2004.
23. Oliver A, **Nesbitt JC**, Postpneumonectomy Empyema and Bronchopleural Fistula, **Current Therapy in Thoracic and Cardiovascular Surgery**, Chapter 88.(Submitted Jun 2012)
24. Ziarnik E, **Nesbitt JC**: Chyle Leak after Esophageal Surgery, **Gastrointestinal Surgery: Management of Complex Perioperative Complications**, Chapter: Section I: Esophageal Surgery, Chapter 5: (In Press 2014)

#### **MANUALS, POSTERS, VIDEOS, TEACHING AIDS:**

1. Herrington JL, **Nesbitt JC**: Technique of Highly Selective Vagotomy. Video 1 presented at Southeastern Surgical Society, 1988.

2. **Nesbitt JC**, Neblett WH, Co-Editors: Pediatric Surgery Housestaff Manual-Vanderbilt University.
3. **Nesbitt JC**, Moores DWO: Gastroesophageal reflux in infants and children. American College of Surgeons Bulletin Course Booklet 78(7), 1993.
4. **Nesbitt JC**: Survival in Stage I and Stage II lung cancer. Post Graduate Course Booklet. January 1994.
5. **Nesbitt JC**, Morris P.T., McCutcheon I: Anterior approach for an advanced superior sulcus tumor. Society Thoracic Surgeons, 1995.
6. Putnam JB, Soysal O, Roth JA, Walsh GL, **Nesbitt JC**, Schrupp DS: Results of esophagectomy for severe dysplasia in Barrett's esophagus. Int'l Society for Diseases of the Esophagus (ISDE) Video-Library, Milan, Italy, 1996.
7. Putnam JB, Walsh GL, **Nesbitt JC**, McMurtrey MJ, Roth JA, Suell DA, Schrupp DS, Ohnmacht GA, Willis KM: The technique of esophagectomy does not influence survival after resection of esophageal carcinoma. Int'l Society for Diseases of the Esophagus Video-Library, Milan, Italy, 1996.
8. **Nesbitt JC**, Morris P, McCutcheon I: Anterior Approach to Superior Sulcus Tumor, Surgical Motion Picture Session, Audiovisual Presentation, The Society of Thoracic Surgeons 31st Annual Meeting, San Diego, CA 1995.
9. **Nesbitt JC**: Surgical management of esophageal cancer. Manual. Tennessee Society of Gastrointestinal Nurses & Associates, April, 1998.
10. **Nesbitt JC**: Primary chest wall tumors. Manual. American College of Surgeons, October, 1998.
11. Annual Engineering School-Senior Project Symposium-Vanderbilt Medical School of Engineering-Software-driven Pneumatic Beating Heart simulator and ECG Display-Jacob Bauer, Nicole rice, Ashley Whitside, Advisor-**Dr. Jonathan C. Nesbitt**-May 2011
12. Kang B, Eskind SJ, Garrard CL, Naslund TC, Wu H, **Nesbitt JC**: Effect of Educational System on Medical Student Acquisition of Surgical Skills, Poster Session, ACS Medical Student Program, Annual Clinical Congress, Oct. 1,2017
13. Archer MA, Michaud NM, **Nesbitt JC**: Resident Perspective of a Novel Simulation Curriculum in Cardiac Surgery, Poster Session, STS Annual Meeting, Jan. 2018

Penetrance and Mortality of VATS Lung Resections within the VA. Maiga AW\*, Deppen SA, Denton J, Matheny ME, Gillaspie EA, **Nesbitt JC**, Grogan

ELTennessee Valley Healthcare System, Nashville, TN; Vanderbilt University  
Medical Center,Nashville, TN

## **EDUCATIONAL FUNDING:**

### **SUBCONTRACT**

#1 R18 HS20451-01

(5/01/2011-4/30/2014)

Funding Source: Agency for Health Research and Quality - \$82,000

Federal subcontract through University of North Carolina at Chapel Hill

Improved Patient Safety by Simulator Based Training in Cardiac Surgery

Goal: To study if cardiothoracic resident physicians will perform safer surgeries by training on surgery simulators before operating on patients.

### **GIVEME GRANT**

Role: PI

Funding Source: Vanderbilt University Medical Center-Office of Undergraduate Medical Education

Goal: "Simulation in Cardiac Surgery"

\$5000 awarded in June 2010

### **GIFT**

Funding Source: Covidien

Goal: To further training residents using Cardiothoracic simulation.

\$10,000 awarded in June 2010

\$10,000 awarded in August 2010

## **Clinical Trial Studies (PI or Collaborator):**

IRB# 110880	<b>PI:</b> Improved Patient Safety by Simulator Based Training in Cardiac Surgery
IRB# 110873	<b>Collaborator:</b> Effect of Educational system on Medical Student Acquisition of Surgical Skills.
IRB# 101320	<b>Collaborator:</b> Outcomes of Endobronchial Ultrasound and Mediastinoscopy After Discovery of Mediastinal Adenopathy By FDG-PEG
IRB# 101138	<b>Collaborator:</b> Biodistribution of <sup>111</sup> In-DOTATATE observed During thoracoscopic resection of indeterminate lung nodules.
IRB# 100765	<b>Collaborator:</b> ACOSOG GIZ4051- A Phase II Study of Neoadjuvant Therapy with Cisplatin, Docetaxel, Panitumumab

Plus Radiation Therapy Followed by Surgery in Patients with Locally Advanced Adenocarcinoma of the distal Esophagus

IRB# 100687

**Collaborator:** ACOSOGTHOC 140503 - Phase III Randomized Trial of Lobectomy versus Sublobar Resection For Small (T1) Lesions.

IRB# 100048

**PI:** Cardiothoracic Simulation: Development of Models for Residents and Students.

IRB# 091275

**PI:** Observational Study Evaluating Postoperative Ambulation Methodology in Thoracic Surgery Patients.

IRB# 090781

**Collaborator:** Disease in a Thoracic Surgery Population With Pulmonary Nodules.

IRB# 090754

**PI:** A Prospective, Randomized, Controlled Multicenter Clinical Trial to Evaluate the Safety and Effectiveness of The IBV? Valve System for the Treatment of Severe Emphysema.

IRB# 081298

**Collaborator:** Characteristics of Benign and Malignant Cancer in a Thoracic Surgery Population

IRB# 081061

**Collaborator:** A Prospective, Randomized, Controlled Multicenter Clinical Trial to Evaluate the Safety and Effectiveness of the IBV? Valve System for the Treatment Of Severe Emphysema.

IRB# 060089

**Collaborator:** ACOSOG THO Z4032-A Randomized Phase III Study of Sublobar Resection Versus Sublobar Resection Plus Brachytherapy in High risk Patients with Non-Small Cell Lung Cancer (NSCLC), 3cm or Smaller.

#### **PAST PROTOCOLS:**

RTOG 91-05

The University of Texas M. D. Anderson Cancer Center, Principal Investigator, "Prospective Randomized Trial of Postoperative Adjuvant Therapy in Patients with Completely Resected Stage II and Stage IIIa Non-Small Cell Lung Cancer".

ID 91-025

The University of Texas M. D. Anderson Cancer Center,

	Collaborator, "Phase III Double-blind Randomized Trial of 13-CIS Retinoic Acid (13-cRA) to Prevent Second Primary Tumors in Non-Small Cell Lung Cancer".
ID 91-029	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Early Detection of Second Primary Lung Cancers by Sputum Cytology Immunostaining".
THS 92-001	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Clinical Protocol for Modification of Tumor Suppressor Gene Expression in Non-Small Cell Lung Cancer (NSCLC) with a Retroviral Vector Expressing Wildtype (normal) p53".
THS/P 92-002	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Prospective Evaluation of Video-assisted Thoracoscopy (VAT) Techniques in Thoracic Surgery".
RTOG 92-04	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Randomized Phase II Study of Chemotherapy/ Radiation Therapy Combinations for Favorable Patients with Locally/Advanced Inoperable Non-Small Cell Lung Cancer (NSCLC)".
ID 92-028	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Phase II Study of Combined Modality Treatment for Resectable Non-Small Cell Superior Sulcus Tumors (SST)".
RTOG 93-09	The University of Texas M. D. Anderson Cancer Center, Principal Investigator, "A Phase III Comparison Between Concurrent Chemotherapy plus Radiotherapy, and Concurrent Chemotherapy Plus Radiotherapy Followed by Surgical Resection for Stage IIIA (N2) Non-small Cell Lung Cancer".
DM 93-018	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Randomized Double-Blind Study of N-(4-Hydroxyphenyl) Retinamide (4-HPR) Versus Placebo in Chronic Smokers with Squamous Metaplasia/Dysplasia in the Bronchial Epithelium".
ID 93-021	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Phase I Trial of Chemoradiation Therapy With Taxol and <sup>192</sup> Ir Brachytherapy for Patients with Non-small Cell Lung Cancer".

ID-96-189	The University of Texas M. D. Anderson Cancer Center, "Co-Principal Investigator, "A Phase II Study of Preoperative 5-FU, Taxol, & Cisplatin Followed by Concurrence and Radiotherapy in Patients With Potentially Resectable Carcinoma of the Esophagus or GE Junction."
DM 93-096	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Randomized Trial Comparing Clindamycin Plus Aztreonam Versus Piperacillin Sodium/Tazobactam Sodium in the Treatment of Nosocomial Pneumonia in Non-neutropenic Cancer Patients".
THS 94-001	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Clinical Protocol for Modification of Mutant K-ras Gene Expression in Non-small Cell Lung Cancer(NSCLC)".
THS 94-002	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Clinical Protocol for Modification of Tumor Suppressor Gene Expression and Induction of Apoptosis in Non-Small Cell Lung Cancer (NSCLC) with an Adenovirus Vector Expressing Wildtype p53 and Cisplatin".
THS 94-003	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Prospective Randomized Study of Pleural Drainage vs Tube Thoracostomy and Pleurodesis for Treatment of Pleural Effusions".
RTOG 94-05	The University of Texas M. D. Anderson Cancer Center, Co-Chairman, "Phase II Intergroup Randomized Comparison of Combined Modality Therapy for Carcinoma of the Esophagus: High Dose vs. Conventional Dose Radiation Therapy".
RTOG 94-10	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Three-arm Phase III Study of Concomitant Versus Sequential Chemotherapy and Thoracic Radiotherapy for Patients with Locally Advanced Inoperable Non-Small Cell Lung Cancer".
N01-CN-25433-03	The University of Texas M. D. Anderson Cancer Center, Co-Investigator, "Phase II Clinical Trials of New Chemopreventive Agents".
NCI RO3 CA58752	The University of Texas M. D. Anderson Cancer Center, Co-Investigator, "In Vitro Correlates of Drug Sensitivity in Lung



Cancer”.

ID 94-046	The University of Texas M. D. Anderson Cancer Center, Co-Investigator, "An Open Study to Assess Concentration of CP-99,219 in Whole Lung Tissue and Serum after Administration of Multiple Doses to Patients Undergoing Thoracotomy".
DM94-121	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Chemoprevention Trial in Former Smokers with 13-CIS-Retinoic Acid and $\alpha$ -Tocopherol".
ID95-071	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Phase I Study of Continuous Infusion LowDose Paclitaxel and Concurrent Radiotherapy for Unresectable Esophageal Cancer".
THS 94-004	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Multicenter Phase III Trial to Evaluate the Efficacy of Recombinant Human GM-SCF (rHu GM-CSF) for Prophylaxis of Postoperative Infection."
ID95-230	The University of Texas M.D. Anderson Cancer Center, Collaborator, "A Multicenter Study of the Correlation Between the Findings of Atypical/Malignant Cells in Sputum and Fluorescence Bronchoscopy Using the LIFE Imaging System, and White Light Bronchoscopy".
ID95-219	The University of Texas M. D. Anderson Cancer Center, Collaborator, "Phase I Evaluation of Single Pass Pulmonary Perfusion With Adriamycin for Sarcomatous (Pulmonary) Metastases."
ID96-038	The University of Texas M. D. Anderson Cancer Center, Co-Principal Investigator, "A Phase II Trial of Induction Paclitaxel/ Carboplatin in Clinical stage IB, II, and Selected IIIA Nonsmall Cell Lung Cancer".
ID96	The University of Texas M. D. Anderson Cancer Center, Collaborator,, "A Phase II Study of Taxol, Carboplatin, UFT, and Folinic Acid in Patients With Advanced Carcinoma of the Esophagus, GE Junction or Stomach."
INT-003	The University of Texas M. D. Anderson Cancer Center, Collaborator, "A Continuation Study of Increasing Doses of Adenoviral Vector Expressing Wildtype p53 (Ad-p53)

Administered Intralesionally Once Monthly in Patients with Non-small Cell Lung Cancer”

ACOSOG – Z0040	A Prospective Study of the Prognostic Significance of Occult Metastases in the Patient with Resectable Non-Small Cell Lung Carcinoma. PI at St. Thomas Hospital, Nashville.
ACOSOG – Z0030	Randomized Trial of Mediastinal Lymph Node Sampling versus Complete Lymphadenectomy During Pulmonary Resection in the Patient with N0 or N1 (less than hilar) Non-Small Cell Carcinoma. PI at St. Thomas Hospital, Nashville.
LUN-06-001	Confluent Surgical, Inc. “A Prospective Multicenter Randomized Clinical Study to Evaluate the PleuraSeal Sealant System as an Adjunct to Standard Closure Techniques for Control of Visceral Pleural Air Leaks Following Elective Pulmonary Resection Via Open Thoracotomy. “Role: Co-investigator
CPR-01377	Spiration, Inc. “A Prospective, Randomized, Controlled Multi-Center Clinical Trial to Evaluate the Safety and Effectiveness Of the IBV Valve System for the Treatment of Severe Emphysema. “Role: Principal Investigator

## **SPEAKING AND TEACHING PORTFOLIO:**

2008/Dec	University of North Carolina-Lung and Heart Symposium
2009/Feb	Dekalb Community Hospital-“Ongoing Changes in Lung Cancer Management”
2009/April	Sumner Regional Medical Center Tumor Meeting-“Ongoing changes in the Management of Lung Cancer”
2009/April	Lung Symposium-Vanderbilt University Medical Center “Surgical Management of Locally Advanced Tumors”
2009/April	Cardiothoracic Technology Symposium-TSRA/TSDA-University of Cincinnati “Pleural effusion/Talc/Pleurix”
2009/May	Covidien Clinical Education-Norwalk, CT-“Minimally Invasive Techniques for the Management of Thoracic Diseases”

- 2009-2012 Ad hoc suturing sessions over 2-3 month time frames; teaching 2<sup>nd</sup>-4<sup>th</sup> year VUMC Medical Students suturing techniques, beginning with “macro” suturing skills and evolving to microvascular surgical techniques suturing saphenous vein to porcine coronary arteries. One session resulted in publication: *J Thorac Cardiovasc Surg* 2013;145:1453-1459 **Tissue-based coronary surgery simulation: Medical student deliberate practice can achieve equivalency to senior surgery residents. Nesbitt, St Julien, et al.**
- 2010/April Advances in the Treatment of Thoracic Diseases 2010: Multidisciplinary Evaluation and Therapy-Vanderbilt School of Medicine-Thoracic Surgery Department “What to do with Hiatal Hernia: Panelist: Barrett’s Esophagus/Paraesophageal Hernia/Dysphagia”
- 2011-13 General Surgery Resident “Thoracic” Case Conferences: Performed in round table/oral board format with 6-8 senior level residents. Sessions have occurred 2-3 times/yr. following Friday morning Grand Rounds
- 2010-13 General Surgery Mock Oral Board Examinations: Annually
- 2011/Aug-Dec TSDA Curriculum for Vanderbilt University Medical Center-Teachings:  
 “Corrosive Injuries of the Esophagus”  
 “Esophagus: Paraesophageal Hernia”  
 “GERD: Surgical Treatment”  
 “Lung Infections and Massive Hemoptysis”
- 2011/Aug General Surgery Surgical Skills Lab Instructor  
 8 Residents participated – Cardiac and Thoracic surgical dissection and microvascular surgical techniques instructed
- 2011/Sept General Surgery Resident Simulation Session – Director - Consisting of 18 2<sup>nd</sup> & 3<sup>rd</sup> Year General Surgery residents. Instructing residents through pulmonary resections using an animal model and teaching residents to perform cardiac anastomoses. Sept 25, 7-9 a.m.
- 2011/Jan Cardiac Simulation OpCAB & AVR- Dr. Cuadrado/Nesbitt-Vanderbilt University Medical Center-MCN Sim Lab-Team-training & procedural instruction-Involved:

- Anesthesia Team
- Perfusion Team
- OR Team
- Surgical Team

2011/Jan	Senior Tour-Simulation Training-Chapel Hill, NC-Instructor-2 Day course Attending participants: 12-15 Senior Attending
2011-14	Resident Training in Cardiac Surgery “CT Simulation Program“. AHRQ Grant # 1R18HS020451. Vanderbilt PI. <b>Improved Patient Safety by Simulator Based Training in Cardiac Surgery</b> . 40 weekly sessions instructing cardiac surgical techniques to the cardiothoracic residents using a porcine high fidelity simulator.
2011/April	Covidien Clinical Education-New Haven, CT-Presentation/Surgical Devices Training Class-“Overview of Thoracic surgery & Lung Cancer”
2011-12	Instructed 15 2 <sup>nd</sup> yr medical students, general suturing skills, as part of an Emphasis Program and IRB approved research project with VUMC student, Barry Kang. Resulted in AMA poster presentation, Oct 1, 2012, Chicago: Effect of Educational system on Medical Student Acquisition of Surgical Skills. Kang, Nesbitt, et al.
2011/April	Thoracic Symposium-Franklin Marriott-Advances in the Management of Thoracic Diseases-“What to do when the Fundoplication Fails”
2011/July	TSDA Boot Camp 3-Days-Resident Training-4 Sections rotating-Chapel Hill, NC- 24 Residents gather for hands-on training & 37 Faculty <a href="http://www.tsda.org/education/boot-camp-2/2011-boot-camp/">http://www.tsda.org/education/boot-camp-2/2011-boot-camp/</a> <ol style="list-style-type: none"> <li>1. Cardiopulmonary Bypass Skills</li> <li>2. Vessel Anastomosis</li> <li>3. One Lung Ventilation</li> <li>4. Hilar Dissection/Lobectomy</li> </ol> Sunday, July 17, residents and faculty will attend a plenary session on Aortic Valve Surgery.
2011/Sep	6 <sup>th</sup> Annual Gastroenterology and Hepatology Update-Vanderbilt University Medical Center-“Hiatal Hernia”
2011/Fall	CELA-Educational Presentation-Vanderbilt University Medical Center-“Simulation Training in Cardiothoracic Training”

2012/Jan-Dec	<p>TSDA Curriculum for Vanderbilt University Medical Center-  <u>Teachings:</u></p> <p>“Trachea: Anatomy, Resection and Reconstruction”  “Chest Wall Deformities”  “Esophageal Motility Disorders and Surgical Approaches”  “Esophageal Perforation”  “Lung Volume Reduction Surgery, Airway Valve Procedures”  “Congenital Lung Anomalies”  “Chest Trauma”  “Thoracoscopy: Technical Aspects”  “Critical Care: Ventilator Management and Unique Problems”</p>
2012/Jan	<p>Speaker-Joint Council on Thoracic Surgery Education-STS 48<sup>th</sup> Annual Meeting-Ft Lauderdale, FL</p>
2012/April	<p>Thoracic Symposium 2012-Advances in the Management of Thoracic Diseases-2012-Hilton Garden Inn-“Minimally Invasive Lung Cancer Surgery”</p>
2012/Jun	<p>General Surgery Sim Lab Resident Session – Director - Consisting of 18 2<sup>nd</sup> &amp; 3<sup>rd</sup> Year General Surgery residents. Instructing residents through pulmonary resections using an animal model and teaching residents to perform cardiac anastomoses 6/22/12 7:00-9:00 am.</p>
2012/Jun	<p>38<sup>th</sup> Annual Meeting Western Thoracic Surgical Association-Maui, HI- Presentation-“Tissue-Based Coronary Surgery Simulation: Medical Student Deliberate Practice Can Achieve Equivalency to Senior Surgery Residents”</p>
2012/July	<p>TSDA Boot Camp 3-Days-Resident Training Director-Rotating Training-Chapel Hill, NC  39 resident participants and 30 faculty attendees rotating through 4 simulator training sessions  <a href="http://www.tsda.org/education/boot-camp-2/2012-boot-camp/">http://www.tsda.org/education/boot-camp-2/2012-boot-camp/</a></p> <ol style="list-style-type: none"> <li>1. Small vessel coronary anastomosis skills</li> <li>2. CPB perfused non-beating pig heart model/CPB emergency scenarios</li> <li>3. Bronchoscopy/mediastinoscopy</li> </ol>

4. Open lobectomy

An introductory course on aortic valve surgery will also be offered.

2013/Jan-Dec	<p>TSDA Curriculum for Vanderbilt University Medical Center- <u>Teachings:</u></p> <p>“Radiological Evaluation of Chest Disease” “Lung Cancer: The Surprise N2 Node at Surgery” “Barrett’s Esophagus: Timing and Technique of Surgery” “Pneumothorax” “Esophageal Motility Disorders: Reoperation” “Interesting Case Conference” “Chest Wall and Diaphragmatic Physiology” “Corrosive Injuries of the Esophagus” “Esophagus: Paraesophageal Hernia”</p>
2013/Feb	<p>Surgical Grand Rounds-Vanderbilt University Medical Center-“The Goose the Baron and Dr. Boerhaave: A Discussion of Esophageal Perforation”</p>
2013/Mar	<p>General Surgery Resident Simulation Session – Director - Consisting of 2<sup>nd</sup> &amp; 3<sup>rd</sup> Year General Surgery residents. Instructing residents through pulmonary resections using an animal model and teaching residents to perform cardiac anastomoses.</p>
2013/April	<p>Resident Teaching Conference-PGY 2-3-LH 415-Vanderbilt Medical School-“Thoracic Case Conference”</p>
2013/April	<p>Thoracic Symposium-Vanderbilt Thoracic Surgery Department-Hilton Garden Inn-“Esophageal Emergencies”</p>
2013/July	<p>TSDA Boot Camp 3-Days-Resident Training Director -Rotating Training-Chapel Hill, NC 32 resident participants and 36 faculty attendees rotating through 4 simulator training sessions. <a href="http://www.tsda.org/education/boot-camp-2/2013-boot-camp/">http://www.tsda.org/education/boot-camp-2/2013-boot-camp/</a></p> <ol style="list-style-type: none"><li>1. Small vessel coronary anastomosis skills</li><li>2. CPB perfused non-beating pig heart model/CPB emergency scenarios</li><li>3. Bronchoscopy/mediastinoscopy</li><li>4. Open lobectomy</li></ol> <p>Introductory course on aortic valve surgery</p>

- 2013/Sep PGY 1-3: General Surgery Residents Teaching Conference-“Esophageal Perforation” Light Hall 208 Vanderbilt University Medical Center
- 2014/Feb Pulmonary & Critical Care Core Curriculum-Vanderbilt University School of Medicine-“Surgical Management of Lung Cancer”
- 2014/August Bowling Green, KY- Commonwealth Health Corporation – CME talk “Lung Cancer, Staging, Treatment and Outcomes”
- 2014/Sept. TSDA Boot Camp 3-Day-Resident Training – Rotating Training-Chapel Hill, NC-Leader of General Thoracic Open Lobectomy session.
- 2014/Oct Grand Rounds and Resident Teaching Conference-Department of Surgery – “Surgical Management of Lung Cancer”
- Attended:** Promoting Professionalism: Addressing Behaviors that undermine a Culture of Safety, Reliability, and Accountability  
October 24-25, 2014 Nashville, TN
- VMS-Surgery Clerkship Lecture: “Lung Nodules and Lung Cancer”  
October 28, 2014 Light Hall 419 Vanderbilt University Medical Center
- 2014/Nov Surgical Grand Rounds-PGY4 & Lab: “Lung Cancer”
- 2015/Jan **Attended:** Annual Curricular Retreat: Addressing the need for the Immersion Phase, Millennium Conference 2015 on Transforming the Post-Clerkship Curriculum. January 20, 2015 Nashville, TN
- 2015/Mar Invited by the Vice President of Academic Excellence of Kappa Kappa Gamma to dinner and speak. Offered advice on the path of pursuing a career in medicine. This was held on the Vanderbilt University Campus-Kappa House.
- 2015/April CME Talk UMC-Lebanon, “On Going Changes in the Management of Lung Cancer”. April 16, 2015

2015/May	"Thomas Nesbitt Award" at Langford Auditorium. Vanderbilt University Medical Center, Nashville, TN
2016/Feb	CME talk-"Lung Cancer Staging and Future Implications" at Smyrna Regional Medical Center, Smyrna, TN
2016/Sep	TSDA Boot Camp 3-Day-Resident Training – Rotating Training-Chapel Hill, NC-Leader of General Thoracic Open Lobectomy session
2017/Sep	TSDA Boot Camp 3 Day Resident Training, Chapel Hill, NC
2018/May	CME Talk Sumner Regional Medical Center -2018 Tumor Board Meeting, Current Surgical Therapy for Lung Cancer. Gallatin, TN
2018/Sept	TSDA Boot Camp 3 Day Resident Training, Chapel Hill, NC

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2012-2014	Have been shadowed by 8 medical students and 3 undergraduate VUMC students
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2015-	Shadowed by 4 students
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**Other Lectures, Presentations**

**Prior to 2008:** On request