

**ICMJE DISCLOSURE FORM**

Date: 6/4/21

Your Name: Daniel Powell Dolan

Manuscript Title: **Introduction to Current Challenges in Thoracic Surgery Special Series: How to Evaluate, Diagnose and Treat Small Lung Nodules**

Manuscript number (if known): **CCTS-2019-SLN-13(CCTS-21-32)**

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the **current manuscript only**.

The author's relationships/activities/interests should be **defined broadly**. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
<b>Time frame: Since the initial planning of the work</b>			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	None	
<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	
6	Payment for expert testimony	None	
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

None
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Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

## ICMJE DISCLOSURE FORM

Date: June 14, 2021

Your Name: Scott Swanson, MD

Manuscript Title: Introduction to Current Challenges in Thoracic Surgery Special Series: How to Evaluate, Diagnose and Treat Small Lung Nodules

Manuscript number (if known): CCTS-2019-SLN-13(CCTS-21-32)

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
<b>Time frame: Since the initial planning of the work</b>			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	<input checked="" type="checkbox"/> None	
<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<input type="checkbox"/> None	
		Yes, see below	
3	Royalties or licenses	<input type="checkbox"/> None	
		Yes, see below	
4	Consulting fees	<input type="checkbox"/> None	
		Ethicon, Covidien	Honorarium to me
5	Payment or honoraria for lectures, presentations, speakers bureaus,	<input type="checkbox"/> None	
		Yes, see below	

	manuscript writing or educational events		
6	Payment for expert testimony	<input type="checkbox"/> None	
		<input type="checkbox"/> Yes	Payment to self
7	Support for attending meetings and/or travel	<input type="checkbox"/> None	
		<input type="checkbox"/> Yes, see below	
8	Patents planned, issued or pending	<input checked="" type="checkbox"/> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<input checked="" type="checkbox"/> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<input type="checkbox"/> None	
		<input type="checkbox"/> Yes, see below	
11	Stock or stock options	<input checked="" type="checkbox"/> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input checked="" type="checkbox"/> None	

**Please summarize the above conflict of interest in the following box:**

Dr. Swanson's current grants are related to creation of a video library of thoracic surgery, use of immunotherapy in early stage Non-Small Cell lung cancer, and comparing effectiveness of limited resection vs Stereotactic Body Radiation Therapy for Early Stage Non-Small Cell lung cancer.

Dr. Swanson is a consultant for Ethicon and Covidien.

Dr. Swanson has a variety of senior leadership positions at the Dana-Farber Cancer Center and Brigham and Women's Hospital. Additionally, he serves as Program Director for the American Association of Thoracic Surgeons Post-Graduate Course in General Thoracic Surgery and as a member of the International Association for the Study of Lung Cancer (IASLC) Lung Cancer Surgery Task Force.

Dr. Swanson has been sponsored to lecture at the 2019 Think Tank on Gastroesophageal Cancer (TargetCancer Foundation), 2019 American Association of Thoracic Surgery: International Thoracic Surgical Oncology Summit (Ethicon), various American Association of Thoracic Surgery meetings, multiple Medical Oncoclinicas Cancer Symposiums at the Dana-Farber Cancer Institute, and the 2nd International Conference on Sublobar Resection for Lung Cancer in 2019.

Please place an "X" next to the following statement to indicate your agreement:

I certify that I have answered every question and have not altered the wording of any of the questions on this form.

**The Faculty of Medicine of Harvard University  
Curriculum Vitae**

**Date Prepared:** May 6, 2021

**Name:** Scott J. Swanson, M.D.

**Office Address:** 75 Francis Street Boston, MA 02115

**Home Address:** 303 Hillside Street Milton, MA 02186

**Work Phone:** 617-525-7532

**Work E-Mail:** sjswanson@bwh.harvard.edu

**Place of Birth:** Boston, Massachusetts

**Education**

05/1981	B.A <i>(Magna cum laude)</i>	Neuroscience	Amherst College
05/1985	M.D.	Medicine	Harvard Medical School

**Postdoctoral Training**

07/85	Intern	General Surgery	Brigham and Women's Hospital
07/85-06/90	Clinical Fellow	Surgery	Harvard Medical School
07/86-06/90	Resident	General Surgery	Brigham and Women's Hospital
07/90-06/92	Research Fellow	Vascular Biology	Harvard Medical School
07/92-06/94	Resident	Cardiothoracic Surgery	Brigham and Women's Hospital
07/93	Chief Resident	Cardiac Surgery	Brigham and Women's Hospital
07/93	Chief Resident	Thoracic Surgery	Brigham and Women's Hospital
07/94	Chief Resident	Cardiac Surgery	Boston Children's Hospital

### **Faculty Academic Appointments**

07/90-1992	Assistant Surgeon	Surgery	Harvard Medical School
07/94-1998	Instructor	Surgery	Harvard Medical School
1998-2001	Assistant Professor	Surgery	Harvard Medical School
2001-01/02	Associate Professor	Surgery	Harvard Medical School
01/02-08/08	Professor	Surgical Oncology	Mount Sinai School of Medicine
09/08-08/10	Lecturer	Surgery	Harvard Medical School
09/10-	Professor	Surgery	Harvard Medical School

### **Appointments at Hospitals/Affiliated Institutions**

#### **Past**

07/94-12/01	Associate Surgeon	Division of Thoracic Surgery	Brigham and Women's Hospital
07/94-08/02	Staff	Division of Thoracic Surgery	V.A. Medical Center
07/94-12/01	Consultant	Thoracic Oncology	Dana-Farber Cancer Institute
07/95-12/01	Staff	Division of Thoracic Surgery	Carney Hospital
01/95-02/02	Courtesy Staff Surgeon	Division of Thoracic Surgery	Faulkner Hospital
07/97-12/01	Assistant Surgeon	Division of Thoracic Surgery	Massachusetts General Hospital
07/97-12/01, 04/12-02/16	Provisional Staff	Division of Thoracic Surgery	New England Baptist Hospital
01/02-08/08	Chief Surgeon	Division of Thoracic Surgery	Mount Sinai Medical Center
04/05-09/08	Attending Physician	Division of Thoracic Surgery	North General Hospital

01/06-10/08	Attending Physician	Division of Thoracic Surgery	Cabrini Medical Center
<b>Current</b> 09/08-	Senior Surgeon	Thoracic Surgery	Brigham and Women's Hospital
11/08-	Associate Surgeon	Thoracic Oncology	Dana-Farber Cancer Institute
12/15-	Supplemental Medical Staff	Thoracic Surgery	Kent Hospital
05/18-	Staff	Thoracic Surgery	Good Samaritan Medical Center

**Other Professional Positions**

1997	National Emphysema Treatment Trial, Volume Reduction Surgery Trial	Surgical Investigator	
2003	Scientific Advisory Board	Lung Cancer On-Line Foundation	
2005-2008	American College of Surgeons Oncology Group (ACOSOG)	National Cancer Institute, Clinical Trials Cooperative Group Program	
2010-	Member, Advisory Board	ArmadaHealth	2 days per year
2013-	Consultant	Covidien Ltd.	2 days per year
2013-	Consultant	Ethicon Inc.	6 days per year

**Major Administrative Leadership Positions**

**Local**

1994	Director, Medical Student Thoracic Curriculum	Brigham and Women's Hospital
1994-1996	Director, Thoracic Intermediate Care Unit	Brigham and Women's Hospital

1996	Director, Resident Thoracic Curriculum	Brigham and Women's Hospital
1996-1997	Co-Director, Surgery Section Introduction to Clinical Medicine	Harvard Medical School
1998	Director, Lung Transplant Seminar	Brigham and Women's Hospital
1998-2001	Clinical Director, Lung Transplantation Program	Brigham and Women's Hospital
1998-2001	Associate Chief	Brigham and Women's Hospital Division of Thoracic Surgery
1998-2003	Director, Minimally Invasive Esophageal Surgery Program	Brigham and Women's Hospital
2000	Director, Lung Transplant Seminar	Brigham and Women's Hospital
2000	Co-Director; New Approaches to the Management of Obstructive Lung Diseases Course	Brigham & Women's Hospital Center for Chest Diseases and Partners Asthma Center
2000-2001	Associate Director, Cardiothoracic Surgery Residency Training Program	Brigham and Women's Hospital
2002-2008	Chief, Division of Thoracic Surgery	Mount Sinai Medical Center
2002-2008	Director, Thoracic Oncology Program	Mount Sinai Medical Center
2002-2008	Director, Cardiothoracic Residency Program	Mount Sinai Medical Center
2003-2008	Director, Lung Transplantation Program	Mount Sinai Medical Center
2006-2008	Interim Director, Mount Sinai Cancer Program	Mount Sinai Medical Center
2007	Director, 1 <sup>st</sup> International Minimally Invasive Thoracic Surgery Summit	New York Academy of Medicine
2008-2017	Chief Surgical Officer	Dana-Farber Cancer Institute

2008-	Disease Center Leader, Thoracic Oncology	Dana-Farber/Brigham and Women's Cancer Center
2008-	Director, Minimally Invasive Thoracic Surgery	Brigham and Women's Hospital
2009	Course Director, 2 <sup>nd</sup> International Minimally Invasive Thoracic Surgery Summit	Brigham and Women's Hospital
2011	Course Director, 3 <sup>rd</sup> International Minimally Invasive Thoracic Surgery Summit	Brigham and Women's Hospital
2013	Co-director, Topics in Thoracic Surgery: A Primer for Fellows and Residents, "Complex VATS"	Brigham and Women's Hospital
2013	Co-director, Topics in Thoracic Surgery: A Primer for Fellows and Residents, "Barrett's Esophagus"	Brigham and Women's Hospital
2013	Co-director, Topics in Thoracic Surgery: A Primer for Fellows and Residents, "Live OR Demonstration"	Brigham and Women's Hospital
2014-	Vice Chair, Clinical Cancer	Brigham and Women's Hospital Department of Surgery
2014-	Clinical Director, Thoracic Surgery	Brigham and Women's Hospital Division of Thoracic Surgery
2017-	Associate Chief of Surgery	Dana-Farber Cancer Institute
<b>National</b> 2009-2019	National Comprehensive Cancer Network (NCCN)	Member, Non-Small Cell Lung Cancer Panel
2010	Co-Chair, University Committee	Society of Thoracic Surgeons
2010, 2013-2014	Director, VATS Lobectomy Course	Society of Thoracic Surgeons
2014-	Program Director, Post-Graduate Course General Thoracic Surgery	American Association for Thoracic Surgeons

2018	Co-Director, Thoracic Surgery Program	American Association for Thoracic Surgeons 2019 Annual Meeting
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**International**

2008	Founding Member	The Asia Pacific Conference Thoracic Advisory Board
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2011-	Lung Cancer Surgery Task Force	International Association for the Study of Lung Cancer (IASLC)
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**Committee Service**

**Local**

1994-2001	Intensive Care Unit Committee	Brigham and Women's Hospital
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1995-2001	Medical Management Committee	Brigham and Women's Hospital
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1996-2001	Credentialing Committee Department of Surgery	Brigham and Women's Hospital
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1996-2001	Operating Room Committee	Brigham and Women's Hospital
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1996-2001	Laparoscopic Cost Reduction Task Force	Partners HealthCare System
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1996-2001	Steering Committee Thoracic Oncology Program	Dana-Farber Cancer Institute and Partners HealthCare System
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1997-2001	Uniform Standards Committee	Brigham and Women's Hospital/ Dana-Farber Cancer Institute
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1999- 2001	Joint Venture Committee	Brigham and Women’s Hospital, Dana- Farber Cancer Institute, and Massachusetts General Hospital
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2000-2001	Brigham Surgical Group	Brigham and Women’s Hospital Board of Directors
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2000-2001	Strategic Planning Steering Committee Department of Surgery	Brigham and Women’s Hospital
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2000-2001	Credentials Committee Department of Surgery	Brigham and Women's Hospital Chairman
2001-2001	Tissue Committee	Brigham and Women's Hospital
2001-2008	Cancer Center Steering Committee	Mount Sinai Medical Center
2002-2003	Search Committee, Chief of Pulmonary Medicine	Mount Sinai Medical Center
2003-2004	Search Committee, Chairman of Surgery	Mount Sinai Medical Center
2003-2008	Faculty Practice Associates Advisory Council	Mount Sinai Medical Center
2006-2008	Cancer Strategic Planning Committee	Mount Sinai Medical Center Co-Chair
2008	Protocol Review and Monitoring	Mount Sinai School of Medicine Committee Chair
2008-2014	Steering Committee, Yawkey Center for Cancer Care	Dana-Farber Cancer Institute
2008-	Thoracic Disease Center, Leadership Committee	Dana-Farber Cancer Institute
2008-2014	Clinical Investigations Leadership Committee	Dana-Farber Cancer Institute
2008-	Medical Staff Executive Committee	Brigham and Women's Hospital/ Dana-Farber Cancer Institute
2008-	Steering Committee, Thoracic Oncology Program	Dana-Farber Cancer Institute and Partners HealthCare System
2008-2014	Oncology Service Line Committee	Dana-Farber Cancer Institute
2008-2014	Oncology Quality Leaders Committee	Partners HealthCare System
2008-	Leadership Council, International Mesothelioma Program	Brigham and Women's Hospital

2009-	Dana-Farber/ Partners Cancer Care, Management Committee	Dana-Farber Cancer Institute and Partners HealthCare System
2009-2014	Breast Cancer Steering Committee	Milford Regional Medical Center
2009-2016	Clinical Enterprise Group	Brigham and Women's Hospital/ Dana-Farber Cancer Institute
2010-2018	Executive Medical Group	Brigham and Women's Hospital/ Dana-Farber Cancer Institute
2010-	Executive Committee Clinical Programs	Brigham and Women's Hospital/ Dana-Farber Cancer Institute
2010-2014	Clinical Faculty Council	Brigham and Women's Hospital/ Dana-Farber Cancer Institute
2010-2014	Clinical Innovation and Care Redesign Committee	Brigham and Women's Hospital
2011-2014	Company Speaking and Training Engagement Task Force	Brigham and Women's Hospital
2014-	Admissions Committee	Harvard Medical School Subcommittee 2
2019	Chief of Cardiac Surgery Search Committee	Harvard Medical School
2019-	Mt. Auburn Hospital Chair of Surgery Search Committee	Harvard Medical School
2019-	Clinical Operations Team Clinical Steering Committee	Brigham and Women's Hospital

**Regional**

1994-2001	Massachusetts Consortium for Lung Transplantation 1997-1998	Member Chairman
1995-2001	Cancer Board	Boston VA Hospital
2009-2014	Middlesex Hospital Tumor Board	Middlesex Hospital Cancer Center

## Professional Societies

1985-	American Medical Association	Member
1986-2002, 2008-	Massachusetts Medical Society	Member
1994-2015	International Society of Heart and Lung Transplantation	Member
1995-2009	Cancer and Leukemia Group B (CALGB)	Member
1997-		Surgical Coordinator, Surgery Committee
2001-		Member, Thoracic Surgery Sub-Committee
2001-		Chairman, Thoracic Surgery Sub-Committee
2002-2009		Co-Chair, Thoracic Surgery Sub-Committee
1995-2008	Society of Surgical Oncology	Member
1997-	American College of Surgeons	Member
1997-2008	American Thoracic Surgery	Member
1997-2015	American College of Chest Physicians	Member
1997-2002, 2008-	Boston Surgical Society	Member
1998-	American College of Surgeons, Massachusetts Chapter	Member
1998-	General Thoracic Surgical Club (GTSC)	Member
1998-2001		Member, Executive Committee
1998-	Society of Thoracic Surgeons	
2006		Member, Abstracts and Surgical Videos Committee
2011-2012		Course Director, Annual Meeting
2014		Course Director, Annual Meeting

1999-	American Society of Clinical Oncology	Member
2000-2008	American Society of Transplant Surgeons	Member
2001-	American Association for Thoracic Surgeons	
	2006-2008	Member, Membership Committee
	2014	Course Director, Annual Meeting
	2015-	Member, Founders Circle
	2015-	Program Committee, AATS: Focus
	2018-	Planning Committee, Annual Meeting
	2019	Member, Patron Circle
	2020-2022	Co-Chair, Thoracic Clinical Practice Standards Committee
	2021- 2023	Member, AQG Government and External Relations Committee
2001-	New England Surgical Society	Member
2002-2008	New York Society of Thoracic Surgeons	
	2005	Program Chairman
	2007	Vice-President
	2008	President
2002-2009	Thoracic Surgery Directors Association (TSDA)	Member
	2007-2009	Member, TSDA Executive Committee
2006-	American Board of Thoracic Surgery (ABTS)	
	2006	Member, In-Training Examination Consultant Committee
	2007-2010	Member, Board Guest Examiner
2012-	American Surgical Association	Member
2015-	International Association for the Study of Lung Cancer (IASLC)	Member
2017	AATS Graham Foundation	Member, Scholars Circle
2020	Dana-Farber/Harvard Cancer Center	Member

### **Editorial Activities:**

- Ad Hoc Reviewer

The Journal of Thoracic and Cardiovascular Surgery  
Annals of Thoracic Surgery  
New England Journal of Medicine  
Journal of Clinical Oncology  
Surgery  
The Lancet  
Journal of Surgical Research  
Journal of the American Medical Association Surgery  
Journal of Surgical Oncology

- Other Editorial Roles

1997-1999	Member, Editorial Board	Brigham and Women's Hospital/ Partners Health Care News Magazine
2000-2002	Member, Editorial Board	CT Digest
2010-2015	Associate Editor, Thoracic Section	ACS Surgery
2016-2021	Member, Editorial Board	Video-Assisted Thoracic Surgery (VATS) Journal

### **Honors and Prizes**

1981	Sigma Xi Society	Amherst College	Scientific Investigation
1988	Physicians Recognition Award	American Medical Association	
1999	Alley- Sheridan Scholarship	American Medical Association, Thoracic Surgery Foundation	Medical Innovation
2003	Named Thoracic Section Editor of the 7 <sup>th</sup> Edition	Sabiston and Spencer's Surgery of the Chest	
2008	Named Thoracic Section Editor of the 8 <sup>th</sup> Edition	Sabiston and Spencer's Surgery of the Chest	

2013	Named Thoracic Section Editor of the 9 <sup>th</sup> Edition	Sabiston and Spencer's Surgery of the Chest
2013-2014	Finalist, Best Cardiothoracic Teacher Award	Society of Thoracic Surgery
2015	Pearson Faculty Teaching Award	Brigham and Women's Hospital, Division of Thoracic Surgery

### **Report of Funded and Unfunded Projects**

#### **Past**

1991-1993	Human Transplantation, Arteriosclerosis Immunology Mechanism American Heart Association (Massachusetts Affiliate) No. AHA 13-PI412-890 Role: PI Investigate the role of inflammation and immune mechanisms of transplant arteriosclerosis in an animal model (rabbit)
1998-2008	Cancer and Leukemia Group B (CALGB) National Cancer Institute No. 5 U10 NCI CA-31946 National Institutes of Health Affiliate (NIH) Role: Thoracic Chair (PI- David Sugarbaker) I served as the Thoracic Cadre leader for CALGB from 1998-2008
1998-2002	CALGB National Cancer Institute, NIH Affiliate No. NCI CA-59594-07 Role: PI I was the primary investigator for a study evaluating the feasibility of a VATS lobectomy
2001-2002	National Emphysema Treatment Trials NIH Affiliate No. 97-08627 Role: Co-PI Our hospital was one of 16 sites evaluating lung volume reduction surgery for the treatment of emphysema and I served as our site's co- principal investigator
2004-2016	Video- Assisted Surgery in Treating Patients with Non-small Cell Lung Cancer Alliance for Clinical Trials in Oncology NIH U10CA031946 (CALGB-39802); NCT00003692 Role: Study Chair Phase II trial to study the effectiveness of video-assisted surgery in treating patients who have non-small cell lung cancer

- 2005            Use of Harmonic Scalpel in Porcine Model  
Ethicon Endo-Surgery  
Role: PI; \$18,000  
This study evaluated the use of ultrasonic energy to control pulmonary vessels in a pig model
- 2007            Micro RNA as a Marker for Prognosis in Esophageal Adenocarcinoma  
National Cancer Institute, NIH Affiliate No. R03 CA 128057-01  
Role: Co- Investigator (PI: Dr. Tony Godfrey and Dr. Virginia Litle)  
The study looked at micro RNA in human esophageal adenocarcinoma and its ability to predict outcome
- 2007-2011     Determinants of Disparities in the Treatments of Lung Cancer  
American College of Surgeons RSGT-07-162-01-CPHPS  
Role: Co- Investigator (PI; Wisnivesky)  
The goal of this study is to identify factors associated to disparities in lung cancer diagnosis, treatment, and end of life care.
- 2009- 2014    Analysis of Early Stage Lung Cancer using Clinical and Translational Database  
Logue Family Foundation  
Role: PI; \$300,000
- 2013-2016     An Investigation of Quality of Life and the Learning Curve for Robotic Lobectomy  
Intuitive Surgical 2013D001805  
Role: PI; \$25,000  
The objective is to evaluate and characterize the learning curve for robotic lobectomy with respect to safety and efficacy outcomes. Also, we will measure the effect of different type of surgery (robotic lobectomy) for lung cancer on quality of life.
- 2013-2016     Multicenter Trial for best practices in VATS Lobectomy  
Ethicon Endosurgery 15-193; NCT02502695  
Role: PI; \$494,000  
The objective is to develop a new database from seven sites involved in quality improvement regarding the workup and early treatment and follow-up of patients who have a VATS lobectomy or segmentectomy for lung cancer.
- 2014-2019     NCTN Lead Academic Participating Site at Dana-Farber/Partners Cancer Care  
U10CA180867  
Role: Consultant (PI; Burstein)  
The overall goal of the NCTN Program is to conduct definitive, randomized, late phase clinical treatment trials and advanced imaging trials across a broad range of diseases and diverse patient populations, as well as development efforts preliminary to those trials, as part of the NCI's overall clinical research program for adults and children with cancer.

## **Current**

- 2010-                   Comparativeness of Surgical Treatments for Lung Cancer in the Elderly  
Agency for Healthcare Research and Quality R01 HS01 9670  
Role: Consultant (PI; Wisnivesky)  
The goal of this study is to perform comparative effectiveness of several surgical treatments for patients with non-small cell lung cancer
- 2017-2020            Scott J Swanson, M.D. Thoracic Surgery Research Fund  
Private Philanthropy  
Role: PI; \$250,000  
The overall goal of this research fund is to create a video textbook using video-assisted thoracic surgery techniques
- 2017-2023            Randomized, Open-Label, Phase 3 Trial of Nivolumab and Ipilimumab versus Platinum-Doublet Chemotherapy in Early Stage NSCLC (CheckMate 816: CHECKpoint pathway and nivolumab clinical Trial Evaluation 816)  
Bristol Meyer Squibb (DF/HCC # CA209-816)  
Role: Site PI (PI: Awad); \$115,003  
The purpose of this study is to compare nivolumab plus chemotherapy and chemotherapy alone in terms of safety and effectiveness, and to describe nivolumab plus ipilimumab's safety and effectiveness in treating resectable NSCLC. This study has multiple primary endpoints.
- 2018-2021            Comparative Effectiveness of Limited Resection vs. Stereotactic Body Radiation Therapy for Early Stage Lung Cancer  
NIH 5R01CA203193-05  
Role: Site PI (PI: Wisnivesky); \$164,458  
The goal of this project is to compare the effectiveness of limited resection vs. stereotactic body radiotherapy (SBRT) for the treatment of stage 1A non-small cell lung cancer (NSCLC).

## **Projects Submitted for Funding**

### **Unfunded Past Projects**

- 1996                   Immunophysiology of Pulmonary Microcirculation  
Brigham Surgical Group  
Working in Dr. Steve Mentzer's lab I used advanced optical technique to measure and analyze the development of pulmonary microcirculation in an animal lung resection model

### **Unfunded Current Projects**

2017- Care Pathway for Patients Undergoing VATS Lobectomy or Segmentectomy (2016P002308); NCT03024294  
 Role: PI  
 The goal is to create a unified SOP for care of subjects undergoing VATS lobectomy and segmentectomy by members of the Division of Thoracic Surgery.

Report of Local Teaching and Training

**Teaching of Students in Courses:**

1995	Clinical Medicine Clerkship 4 <sup>th</sup> year medical students	Harvard Medical School 1 Hour Annual Lecture
2018-	HMS Advanced Anatomy Course 3 <sup>rd</sup> & 4 <sup>th</sup> year medical students	Harvard Medical School 3 Hour Annual Lecture

**Formal Teaching of Resident, Clinical Fellows, and Research Fellows (post-docs):**

1998	Surgical Procedures Used in Conjunction with Radiation Therapy Surgery Residents and Fellows/ Core Surgery Clerkship	Harvard Medical School 1 Hour Annual Lecture
1998	VATS lobectomy approach to solitary lung mass Surgery Residents and Fellows/ General Surgery Conference	Brigham and Women's Hospital
2000	Surgical Procedures Used in Conjunction with Radiation Therapy Surgery Residents and Fellows/ Core Surgery Clerkship	Harvard Medical School 1 Hour Annual Lecture
2003-2006	Thoracic Basic Science Lecture Department of Surgery	Mount Sinai Medical Center 1 Hour Annual Lecture
2008-	Stratus Simulation Sessions Cardiothoracic Residents and Fellows	Brigham and Women's Hospital 8 Hours per year
2010	Management of T3 and T4 Lung Cancer Surgery Residents and Fellows/ Cardiothoracic Core Lecture Series	Brigham and Women's Hospital 1 Hour Lecture

2012	Esophageal Surgery: Staging for Esophageal Cancer and Options for Esophageal Reconstruction Surgery Residents and Fellows/ Cardiothoracic Core Lecture Series	Brigham and Women's Hospital 1 Hour Lecture
2016	Thoracic Surgery General Management III: Risk Assessment-Lung Surgery Residents and Fellows/ Cardiothoracic Core Lecture Series	Brigham and Women's Hospital 1 Hour Lecture
2017	Disorders of the Chest Wall III: Thoracic Outlet Syndrome Surgery Residents and Fellows/ Cardiothoracic Core Lecture Series	Brigham and Women's Hospital 1 Hour Lecture
2020	Mock Orals on Management of Esophageal Neoplasia Surgery Residents and Fellows/ Cardiothoracic Core Lecture Series	Brigham and Women's Hospital 1 Hour Lecture

**Clinical Supervisory and Training Responsibilities:**

1994-2002	Supervision of Residents and Clinical Fellows/ Brigham and Women's Hospital	OR 12 hours/week
2002-2008	Supervision of Residents, Fellows and Medical Students/ Mount Sinai Medical Center	OR- 16 hours/week, clinic 6 hours/week
2008-	Supervision of Residents and Clinical Fellows/ Brigham and Women's Hospital	OR 24 hours/week Clinic 10 hours/ week & other teaching

**Laboratory and Other Research Supervisory and Training Responsibilities:**

2008-	Supervision of post-doctoral research fellows/ Brigham and Women's Hospital	1 hour lab meeting per week
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**Mentored Trainees and Faculty:**

1994	Joe Friedberg, M.D./ Chief of Thoracic Surgery / University of Maryland Medical Center Career Stage: resident. Mentoring Role: teaching/medical education. Direct supervision clinically.
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- 1995 John Byrne, M.D./ Chief Medical Officer/ HCA Healthcare  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 1995 Mike Liptay, M.D./ Chair, Cardiovascular and Thoracic Surgery/ Rush University Medical Center  
Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 1997 Raja Flores, M.D./Chief, Thoracic Surgery/ Mount Sinai Medical Center  
Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 1997 Jose Garcia, M.D/ Staff Transplant and Thoracic Surgery/ Indiana University Health Advanced Heart and Lung Care  
Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publication.
- 1997 Dave Mason, M.D./ Chief, Thoracic Surgery/ Baylor University Medical Center  
Career Stage: resident. Mentoring Role: clinical mentor. Direct supervision clinically.
- 1997 Nabil Rizk, M.D./ Chief, Thoracic Surgery/ Hackensack University Medical Center  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2002 Rohit Shahani, M.D./ Staff Cardiothoracic Surgery/ Northwell Health  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2003 Pankaj Kulshrestha, M.D./ Staff Cardiac Surgery/ Trinity Health of New England Medical Group  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2004 Cynthia Chin, M.D./ Staff Thoracic Surgery/ White Plains Hospital  
Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2004 Jaime Yun, M.D./ Staff Thoracic Surgery/ Mercy Medical Center  
Career Stage: fellow. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2005 Kevin Hyman, M.D./ Staff Thoracic Surgery/ Northwell Health  
Career Stage: fellow. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.

- 2005 Daniel Nicastrì, M.D./ Staff Thoracic Surgery/ Mount Sinai Medical Center  
Career Stage: research associate Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2005 N. Jun Korgaonkar, M.D./ Staff Cardiothoracic Surgery/ WellSpan Health  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2006 Henry Tannous, M.D./ Staff Cardiothoracic Surgery/ Mount Sinai Medical Center  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2006 Alex Wohler, M.D./ Staff Cardiothoracic Surgery/ Bon Secours Maryview Medical Center  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2006 Neal Huang, M.D. / Thoracic Surgeon/ Mercy Medical Center  
Career Stage: fellow. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2006 Dana Telem, M.D./Director, Michigan Comprehensive Hernia Program/ University of Michigan Health System  
Career Stage: research associate Mentoring Role: research advisor. Direct lab supervision.
- 2007 Jason Shaw, M.D./ Chief Thoracic Surgery/ Maimonides Medical Center  
Career Stage: fellow. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2007 Daniel Lee, M.D./ Chief Cardiac Surgery/ Anne Arundel Medical Center  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2007 Neil Cambronero, M.D./ Staff, Pediatric Cardiothoracic Surgery/ University of California, San Francisco  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2007 Frederico Milla, M.D./ Staff Cardiothoracic Surgery/ Piedmont Healthcare  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2010 Mark Shapiro, M.D./ Staff Thoracic Surgery/ Valley Health System

- Career Stage: research associate. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2010 Kamran Mohiuddin, M.D./ Program Director, Graduate Programs in Clinical Research/ Drexel University College of Medicine  
Career Stage: fellow. Mentoring Role: research advisor. Direct supervision in the lab resulting in publication.
- 2011 Andrea Wolf, M.D/ Staff Thoracic Surgery/ Mount Sinai Medical Center  
Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2012 Puja Gaur, M.D./ Director, Esophageal Surgery/ MedStar Washington Hospital Center  
Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.
- 2013 Jeffrey Velotta, M.D./ Staff Thoracic Surgery/ Kaiser Permanente Northern California  
Career Stage: resident. Mentoring Role: teaching/ medical education. Direct supervision clinically.
- 2014 Abby White, D.O./ Staff Thoracic Surgery/ Brigham and Women's Hospital  
Career Stage: resident. Mentoring Role: clinical and research advisor. Direct supervision in the lab resulting in publications as well as helped in getting a faculty position.
- 2015 Suden Kucukak, M.D./ Research Associate/ Brigham and Women's Hospital  
Career Stage: research fellow. Mentoring Role: research advisor. Direct supervision in lab resulting in publication.
- 2016 Yong Zhang, M.D./ Attending Staff/ First Affiliated Hospital of Xi'an Jiaotong University, China  
Career Stage: research fellow. Mentoring Role: research advisor. Direct supervision in lab.
- 2018 Desiree Steimer, M.D./ Fellow/ Brigham and Women's Hospital  
Career Stage: resident. Mentoring Role: clinical advisor. Direct supervision clinically.
- 2019 Patrick Gedeon, M.D./ Resident/ Brigham and Women's Hospital  
Career Stage: resident. Mentoring Role: clinical and research advisor. Direct supervision clinically.
- 2019 Daniel Dolan, M.D., MPH/ Resident/ Mt. Sinai Medical Center

Career Stage: resident. Mentoring Role: research advisor. Direct supervision in the lab resulting in publications.

2020 Darren Bryan, M.D/ Cardiothoracic Resident/ Brigham and Women’s Hospital  
Career Stage: resident. Mentoring Role: clinical advisor. Direct supervision clinically.

2020 Kostantinos Poulikidis, M.D./ Thoracic Surgery Fellow/ Brigham and Women’s Hospital  
Career Stage: fellow. Mentoring Role: clinical advisor. Direct supervision clinically.

**Formal Teaching of Peers (e.g CME and other continuing education courses)  
No presentations below were sponsored by outside entities**

1996	Lung Volume Reduction Surgery: The Brigham Experience Brigham & Women's Hospital	Lecture Boston, MA
1996	Interactive Clinical Presentation of Esophageal Cancer Harvard Medical School	Lecture Boston, MA
1996	Thoracoscopic Pliation Approach to Lung Volume Reduction Surgery Harvard Medical School	Lecture Boston, MA
1997	Management of Complications Post Pulmonary Resection Massachusetts General Hospital	Lecture Boston, MA
1998	Management of the Solitary Pulmonary Nodule: Role of Thoracoscopy Diagnosis and Therapy Harvard Medical School	Lecture Boston, MA
2000	The Role of Stents in the Treatment of Esophageal Cancer and Tracheoesophageal Fistula Harvard Medical School	Single Presentation Boston, MA
2000	The High Risk Cancer Patient-Screening Harvard Medical School	Lecture Boston, MA
2002	Minimally Invasive Surgery for Esophageal Cancer Mount Sinai Medical Center	Grand Rounds New York, NY
2002	Lung Cancer, Surgical Perspectives Cabrini Medical Center	Grand Rounds New York, NY

2002	New Surgical Approach to the Management of Esophageal Cancer Mount Sinai Medical Center	Grand Rounds New York, NY
2003	Biologically-Based Assessment and Treatment of Lung Cancer Mount Sinai Hospital Academic Symposium	Single Presentation New York, NY
2003	Lung Cancer- Tools for the 21 <sup>st</sup> Century Symposium New York Academy of Medicine and Mount Sinai School of Medicine	Single Presentation New York, NY
2003	Thoracoscopic Lobectomy with Node Dissection Mount Sinai School of Medicine	Lecture New York, NY
2005	Minimally Invasive Lung Surgery North General Hospital	Grand Rounds New York, NY
2007	Minimally Invasive Thoracic Surgery Summit Mount Sinai School of Medicine	Single Presentation New York, NY
2008	Minimally Invasive Thoracic Surgery: Transformation and the Learned Surgeon Brigham and Women's Hospital	Grand Rounds Boston, MA
2009	Minimally Invasive Thoracic Surgery Summit Harvard School of Medicine	Single Presentation Boston, MA
2011	3 <sup>rd</sup> International Biennial Minimally Invasive Thoracic Surgery Summit Harvard School of Medicine	Single Presentation Boston, MA
2016	International Multidisciplinary Symposium on Malignancies of the Esophagus and Gastroesophageal Cancers Harvard Medical School	Single Presentation Boston, MA
2017	VATS Segmentectomy vs. VATS Wedge Resection Lung Nodules – What You Need to Know: Evaluation and Management in 2017 Brigham and Women's Hospital/Harvard Medical School	Lecture Boston, MA
2019	Nodule/Ground-Glass Opacity Cases	Lecture

	Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Pensacola, FL
2019	Timing from diagnosis, staging, definitive treatment Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Lecture Pensacola, FL
2019	Surgery for Early Stage Lung Cancer; VATS Segmentectomy- Pearls and Pitfalls Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Lecture Pensacola, FL
2019	Teaching Minimally Invasive Lobectomy & Segmentectomy: VATS Perspective Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Lecture Pensacola, FL
2019	Maximizing Multidisciplinary Throughput in Early Stage Lung Cancer Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Lecture Pensacola, FL
2019	Applying minimally invasive approaches to locally advanced lung cancer: Learning curve for advanced techniques in VATS lobectomy Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Lecture Pensacola, FL
2019	Panel Session: Graduated technical complexity in minimally invasive resection: How I did it Fredric G. Levin Lung Cancer Symposium Harvard Medical School	Lecture Pensacola, FL
2020	Timing from Diagnosis- Staging, Definitive Treatment- “One Stop Shopping” Fredric G. Levin Lung Cancer Symposium Harvard Medical School <i>This presentation was scheduled, but then canceled due to a COVID-19 travel/meeting ban</i>	Lecture Pensacola, FL
2020	Minimally Invasive Surgery for Locally Advanced Lung Cancer Fredric G. Levin Lung Cancer Symposium Harvard Medical School <i>This presentation was scheduled, but then canceled due to a COVID-19 travel/meeting ban</i>	Lecture Pensacola, FL

2021	Debate: Surgery vs. SBRT for NSCLC Fredric G. Levin Lung Cancer Symposium Harvard Medical School <i>This presentation was originally scheduled for 2020          but was delayed one year and conducted online due          to COVID-19.</i>	Lecture Virtual
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**Local Invited Presentations:**

**No presentations below were sponsored by outside entities**

1987	Review of the Acute Abdomen/ Lecture Emergency Department, Harvard Medical School	
1990	Transplantation-Associated Arteriosclerosis/ Lecture Cardiothoracic Surgery Research Conference, Brigham and Women's Hospital	
1991	Atherogenesis in Transplantation/ Grand Rounds Department of Surgery, Veterans Administration Hospital	
1993	Update on Immunology in Atherogenesis/ Lecture Thoracic Surgery Research Seminar, Brigham and Women's Hospital	
1994	Mechanisms of Immunosuppression in Experimental Models of Transplantation/ Lecture Thoracic Surgery Research Seminar, Brigham and Women's Hospital	
1994	Treatment of Arrhythmias in Thoracic Surgery Population/ Lecture Nursing Seminar Series, Brigham and Women's Hospital	
1994	Staging of Lung Cancer/ Lecture Massachusetts Nurses Association Seminar, Brigham and Women's Hospital	
1995	Indications of Single vs. Double Lung Transplant/ Lecture Massachusetts Nurses Association Seminar, Brigham and Women's Hospital	
1996	Lung Cancer/ Lecture Nursing Seminar Series, Brigham and Women's Hospital	

- 1996 Anterior Mediastinal Tumors/ Lecture  
Thoracic Oncology Program Lecture Series, Dana-Farber Cancer Institute
- 1997 Anterior Mediastinal Masses/ Lecture  
Thoracic Surgery Conference, Brigham and Women's Hospital
- 1997 Anterior Mediastinal Masses/ Lecture  
Thoracic Oncology Series, Dana-Farber Cancer Institute
- 1997 Surgery for Stage IIIB Lung Cancer/ Lecture  
Thoracic Oncology Seminar, Dana-Farber Cancer Institute
- 1998 Thoracic Oncology Esophageal and Lung Cancer/ Lecture  
Harvard Medical School
- 1998 Multimodality Therapy for IIIA/IIIB Lung Cancer/ Lecture  
Thoracic Oncology Conference, Dana-Farber/ Partners Cancer Center
- 1998 Esophageal Cancer/ Lecturer  
Harvard Medical School
- 1998 Esophageal and Lung Cancer/ Lecturer  
Harvard Medical School
- 2000 Sinus Tachycardia/ Grand Rounds  
Department of Surgery, Brigham and Women's Hospital
- 2000 The Future of Surgery for Lung Cancer: Early Detection and Ambulatory  
Lobectomy/ Grand Rounds  
Department of Surgery, Brigham and Women's Hospital
- 2003 Update on Surgical Management of Lung Cancer/ Lecture  
Department of Surgery, Mount Sinai Medical Center
- 2003 Minimally Invasive Esophageal Surgery/ Guest Speaker  
Department of Thoracic Surgery, Cabrini Medical Center
- 2005 Lung Transplantation/ Invited Speaker  
Nurses' Pulmonary Day, Mount Sinai Medical Center
- 2005 GERD and Esophageal Panels: From Gastroesophageal Reflux to Esophageal  
Cancer: New Treatments and Technologies/ Moderator  
New York Academy of Medicine and Mount Sinai School of Medicine
- 2006 Asbestos Disease Awareness Organization, Asbestos Awareness Day/ Guest  
Speaker

Mount Sinai Medical Center

- 2009 Minimally Invasive Pulmonary Surgery- Implications for Cure/ Invited Speaker  
Thoracic Oncology Program Seminar, Dana-Farber Cancer Institute
- 2009 Minimally Invasive Approaches to Treatment of Lung Cancer/ Invited Speaker  
Cancer Center Symposium, Brigham and Women's Hospital
- 2009 Mesothelioma, Minimally Invasive Lung Surgery, Esophageal Cancer Surgery/  
Invited Speaker  
Post-graduate Course in General Thoracic Surgery, Massachusetts General Hospital
- 2011 Thoracic Surgery in 2011 and Beyond/ Lecture  
Thoracic Oncology Program, Dana-Farber Cancer Institute
- 2012 VATS Lobectomy/ Speaker  
Thoracic Simulation Center, Brigham and Women's Hospital
- 2014 Middlesex Video Tumor Board/ Consultant  
Dana-Farber Cancer Institute
- 2015 Advances in Surgery for Lung Cancer/ Single Presentation  
Medical Oncoclinicas Cancer Symposium, Dana-Farber Cancer Institute
- 2016 Advances in Surgery for Lung Cancer/ Single Presentation  
Dana-Farber/ Brigham and Women's Cancer Center
- 2016 Definitive Chemo/XRT/ Invited Speaker  
International Multidisciplinary Symposium on Malignancies of the Esophagus and  
Gastroesophageal Cancers, Brigham and Women's Hospital
- 2018 Surgical Management of Esophageal Cancer/ Invited Speaker  
Topics in Gastrointestinal Cancer, Dana-Farber Cancer Institute
- 2018 Update on screening and treatment of lung cancer/ Grand Rounds  
Department of Anesthesia, Brigham and Women's Hospital
- 2019 Updates & Approaches to Stage IIIA NSCLC/ Invited Speaker  
Medical Oncoclinicas Cancer Symposium, Dana-Farber Cancer Institute
- 2020 What is the ideal candidate for surgery in stage III disease?/ Invited Speaker  
Medical Oncoclinicas Cancer Symposium, Dana-Farber Cancer Institute
- 2020 Local Therapy: Surgical Approach/ Invite Speaker  
Medical Oncoclinicas Cancer Symposium, Dana-Farber Cancer Institute

## **Report of Regional, National, and International Invited Teaching and Presentations**

### **Regional:**

**Those presentations below sponsored by outside entities are so noted and the sponsors are identified.**

- 1995 Thoracoscopy in Lung Cancer/ Invited Lecturer  
St. Anne's Hospital Lecture Series  
Fall River, MA
- 1996 Increasing the Organ Transplant Donor/ Invited Speaker  
New England Organ Bank Seminar  
Newton, MA
- 1998 Lung Transplantation - Current Trends/ Invited Lecturer  
The Twenty First Annual Meeting of the Massachusetts Society for Respiratory  
Care  
Sturbridge, MA
- 1998 Management of Complications Post Pulmonary Resection / Invited Lecturer  
Massachusetts General Hospital  
Boston, MA
- 1998 Perspectives of LVRS-the NETT Trial Lung Volume Reduction Surgery, Lung  
Transplants, and Other Treatments for the COPD Patient/ Invited Lecturer  
American Lung Association  
Waltham, MA
- 1998 Esophageal Motility Disorders/ Grand Rounds  
St. Elizabeth's Hospital  
Brighton, MA
- 1998 Surgical Management of Non-Small Cell Lung Cancer/ Lecturer  
John M. McIntyre Symposium  
Southington, CT
- 1998 Lung Transplant Update/ Grand Rounds  
St. Elizabeth's Hospital  
Brighton, MA
- 1999 Current Management of Esophageal Cancer Endoscopic Management of Tumors in  
the Aerodigestive Tract Photodynamic Therapy and Other Strategies  
Cambridge, MA
- 1999 Mesothelioma: Developments in Multimodality Therapy/ Presenter

- Mealey's Asbestos Conference  
Boston, MA
- 1999 Update on Lung Transplantation/ Grand Rounds  
St. Elizabeth's Medical Center  
Boston, MA
- 2000 Lung Transplantation/ Invited Lecturer  
Boston Children's Hospital  
Boston, MA
- 2000 Non-small cell lung cancer/ Invited Lecturer  
Harvard Vanguard  
Wellesley, MA
- 2000 Early Stage Non-Small Cell Lung Cancer/ Grand Rounds  
St. Joseph Hospital  
Nashua, NH
- 2002 State of the Art, Minimally Invasive Surgery/ Grand Rounds  
Winthrop University Hospital  
Mineola, NY
- 2002 Current Therapy for Small Lung Cancers/ Invited Lecturer  
New York General Thoracic Surgery Club  
New York, NY
- 2002 Lung Cancer Current State of the Art/ Grand Rounds  
Long Island College Hospital  
Brooklyn, NY
- 2002 State of the Art, Minimally Invasive Thoracic Surgery/ Grand Rounds  
Saint Barnabas Medical Center  
Livingston, NJ
- 2002 Minimally Invasive Techniques in Esophageal Surgeries/ Grand Rounds  
Norwalk Hospital  
Norwalk, CT
- 2003 VATS Lobectomy/ Invited Speaker  
American College of Surgeons, NJ Chapter
- 2004 AutoSuture Training Class presentation, Topic: Thoracic/ Single Presentation  
United States Surgical Company  
Norwalk, CT

- 2004 Thoracic Surgeon's Perspective/Single Presentation  
Apothecom Associates, LLC  
New York, NY
- 2005 Minimally Invasive Thoracic Surgery/ Grand Rounds  
Department of Surgery, Bronx-Lebanon Hospital Center  
Bronx, NY
- 2005 Minimally Invasive Thoracic Surgery in the 21<sup>st</sup> Century/ Grand Rounds  
Department of Surgery, Beth Israel Medical Center  
New York, NY
- 2005 VATS Lobectomy Outcomes in 110 patients/ Single Presentation  
New York Society of Thoracic Surgeons Fall Meeting  
New York, NY
- 2005 VATS Middle Lobectomy (video)/ Single Presentation  
New York Society of Thoracic Surgeons Spring Meeting  
New York, NY
- 2006 Thoracoscopic Lobectomy: Technical Aspects and Results from the CALGB/  
Invited Speaker  
VATS Lobectomy Course (US Surgical /Tyco Healthcare)  
Norwalk, CT
- 2006 Challenging Cases in Lung Cancer: Stage IIIA Disease/ Lecturer  
Network for Medical Communications and Research  
New York, NY
- 2007 PET/CT Imaging for Referring Physicians/ Invited Speaker  
New York Academy of Medicine  
New York, NY
- 2007 Lung Transplantation/ Grand Rounds  
New York University Department of Cardiothoracic Surgery  
New York, NY
- 2007 State of the Art, VATS Lobectomy/ Single Presentation  
Lenox Hill Hospital  
New York, NY
- 2008 Surgical Management of Non-small Cell Lung Cancer/ Lecturer  
St. Anne's Hospital  
Fall River, MA
- 2009 VATS Lobectomy for NSCLC-Indications and Results/ Lecturer

- Boston University Medical Center  
Boston, MA
- 2009 Minimally Invasive Surgery for Lung Cancer/ Lecturer  
Charlton Memorial Hospital  
Fall River, MA
- 2008 VATS Lobectomy Station; Hands-On Skills Session/ Moderator  
International Society for Minimally Invasive Cardiothoracic Surgery  
Boston, MA
- 2008 Lung Cancer Session; Surgical Treatment-Part 1/ Moderator  
International Society for Minimally Invasive Cardiothoracic Surgery  
Boston, MA
- 2009 Northeast Thoracic Summit- Lung Cancer Session/ Single Presentation  
Hospital of Saint Raphael Healthcare System  
New London, CT
- 2011 Middlesex Hospital Videoconference/ Invited Speaker  
Middlesex Hospital  
Middletown, CT
- 2011 Mesothelioma: Surgery and Treatment/ Grand Rounds  
Saints Medical Center  
Lowell, MA
- 2011 Techniques and Tools for Advanced Thoracoscopic Resections/ Invited Speaker  
(Covidien)  
Boston, MA
- 2011 Annual Kirschner Lecture/ Invited Speaker  
Mount Sinai Medical School  
New York, NY
- 2013 Surgery for Esophageal Disease/ Grand Rounds  
New England Baptist Hospital  
Boston, MA
- 2014 Surgical Staging and Management of Non-small Cell Lung Cancer/ Visiting  
Professorship Eastern Maine Medical Center  
Brewer, ME
- 2014 Advances in Minimally Invasive Esophagectomy/ Lecturer  
Saint Anne's Hospital  
Fall River, MA

- 2016 When to Convert/ Invited Speaker  
Lenox Hill Hospital  
New York, NY
- 2016 State of the Art Lung Cancer Management/ Invited Speaker  
Lenox Hill Hospital  
New York, NY
- 2017 How I do my esophageal anastomosis and manage my leaks/ Invited Speaker  
New York General Thoracic Club  
New York, NY
- 2018 Surgery for locally advanced lung cancer/ Invited Speaker  
Berkshire Lung Cancer Conference  
Pittsfield, MA
- 2019 Update on surgery for distal esophageal and GE junction cancer- current status and issues for progress/ Invited Speaker  
Think Tank on Gastroesophageal Cancer (TargetCancer Foundation)  
Boston, MA

**National:**

**Those presentations below sponsored by outside entities are so noted and the sponsors are identified**

- 1994 Diversity of T cell antigen receptor variable beta gene utilization in advanced human atheroma/ Invited Lecturer  
Federation of American Societies for Experimental Biology Meeting  
Anaheim, CA
- 1995 Staging and Minimally Invasive Surgery: Video Assisted Thoracic Surgery Update on Lung Cancer: Treatment and Controversies/ Invited Lecturer  
Tumor Institute, Swedish Medical Center  
Seattle, WA
- 1996 Anterior Mediastinal Masses/ Invited Lecturer  
Post-graduate Course in Thoracic Surgery, American College of Surgeons  
San Francisco, CA
- 1997 Thoracoscopic Resection of Lung Malignancy without Port Site Recurrence: The BWH Experience/ Presenter  
The American College of Chest Physicians  
New Orleans, LA
- 1998 Downstaging predicts improved survival for patients with esophageal cancer treated with induction chemoradiation followed by resection (selected oral abstract)

Society of Thoracic Surgeons  
New Orleans, LA

- 1998 Induction chemotherapy, surgical resection and radiotherapy in patients with malignant pleural effusion, mediastinoscopy negative (stage IIIB) non-small cell lung cancer (selected oral abstract)  
American Association for Thoracic Surgery  
Boston, MA
- 1999 VATS Lobectomy Technique/ Single Presentation  
Duke University  
Durham, NC
- 1999 What is the best surgery for localized non-small cell lung cancer/ Invited Presenter  
Second Annual Lung Cancer Symposium, Mt. Sinai Comprehensive Cancer Center  
Miami, FL
- 1999 Surveillance Transbronchial Lung Biopsies: Implication for Survival after Transplantation/ Invited Presenter  
American Association for Thoracic Surgery Annual Meeting  
New Orleans, LA
- 1999 Accuracy of chemical-shift MRI in distinguishing benign from malignant adrenal mass patients with potentially resectable bronchogenic carcinoma (selected oral abstract)  
Presented at the 84<sup>th</sup> Scientific Assembly and Annual Meeting Radiological Society of North America
- 2000 Subcentimeter non-small cell lung cancer (NSCLC): a program for detection and resection is warranted (selected oral abstract)  
American Association for Thoracic Surgery  
Toronto, Ontario
- 2000 VATS Resection/ Single Presentation  
The American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2000 Video-Assisted Thoracic Surgery Lobectomy in the 21<sup>st</sup> Century/ Invited Speaker  
Minimally Invasive Thoracic Surgery Trials Panel, American College of Chest Physicians Annual Meeting  
San Francisco, CA
- 2000 Mesothelioma: Developments in Multimodality Therapy/ Invited Lecturer  
Mealey's Asbestos Conference  
Chicago, IL

- 2001 VATS Lobectomy Technique  
Duke University  
Durham, NC
- 2001 Histological diagnosis of solitary pulmonary nodules according to previous history of cancer (selected oral abstract)  
American Society of Clinical Oncology  
San Francisco, CA
- 2001 VATS Lobectomy for Lung Cancer – Pro/ Invited Speaker  
The Society of Thoracic Surgeons Postgraduate Course  
New Orleans, LA
- 2001 Gastrointestinal complications of lung transplantation (selected oral abstract)  
Chest Annual Meeting  
Philadelphia, PA
- 2001 Combination therapy including total transthoracic esophagectomy with cervical esophagogastrotomy for esophageal cancer: results in the extreme elderly (age >75) (selected oral abstract)  
American Association of Thoracic Surgery  
San Diego, CA
- 2002 The Future of Lung Cancer Surgery-Minimally Invasive Lobectomy/ Single Presentation  
Brown University Oncology Group Symposium  
Providence, RI
- 2002 VATS Lobectomy for Early Stage Lung Cancer/ Invited Discussant  
American Association of Thoracic Surgeons  
Washington, DC
- 2002 Lung Cancer A Surgical Perspective/ Visiting Professorship  
The Western Pennsylvania Hospital  
Pittsburgh, PA
- 2002 Should Open Esophagectomy Remain a Standard/ Invited Speaker  
Third Annual Minimally Invasive Surgery for Morbid Obesity and GERD Related Topics  
Lake Tahoe, CA
- 2003 The Role of Surgery in Lung Cancer/ Invited Lecturer  
Third Annual Lung Cancer Symposium, University of Cincinnati  
Cincinnati, OH
- 2003 CT Screening: Early Detection of Lung Cancer/ Lecturer

- Surgical Oncology Course, University of Pittsburgh School of Medicine  
Pittsburgh, PA
- 2003 Esophagectomy Using Minimally Invasive Techniques/ Lecturer  
University of Pittsburgh School of Medicine, Center for Continuing Education  
Pittsburgh, PA
- 2004 Minimally Invasive Surgery for Lung Cancer/ Invited Lecturer  
American College of Surgeons  
New Orleans, LA
- 2004 Update Clinical Trials for Lung Cancer/ Invited Lecturer  
American College of Chest Physicians  
Seattle, WA
- 2004 National Cancer Institute/Invited Participant  
Lung Cancer Intergroup Strategy Conference (National Cancer Institute)  
Bethesda, MD
- 2004 Emerging Technologies Forum/ Invited Primary Discussant  
American Association of Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2005 VATS Lobectomy—Preferred Approach for Early Lung Cancer/ Visiting  
Professorship  
University of Pennsylvania  
Philadelphia, PA
- 2006 Staging Algorithms and Surgical Options in NSCLC/ Guest Lecturer  
Reality Oncology Lung Series Network for Medical Communications and Research  
Columbus, OH
- 2006 VATS Lobectomy Course/ Moderator  
University of Cincinnati  
Cincinnati, OH
- 2006 VATS Lobectomy /Invited Lecturer  
Society of Thoracic Surgeons, Post Graduate Course  
Chicago, IL
- 2006 VATS Lobectomy Outcomes/ Invited Speaker  
Society of Thoracic Surgeons  
Chicago, IL
- 2006 VATS Lobectomy is the Best Operation for Clinical Stage 1 NSCLC/ Lecturer  
American Association for Thoracic Surgery Annual Meeting

Philadelphia, PA

- 2007 VATS Lobectomy Overview/ Invited Speaker  
Radiofrequency Ablation to VATS Lobectomy Conference, University  
Pennsylvania Medical Center  
Pittsburg, PA
- 2007 Surgical Forum Session III/ Moderator  
Society of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2007 VATS Esophagectomy 2010/ Invited Speaker  
Society of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2007 Surgical Treatment of Small Cell Lung Cancer/ Invited Speaker  
Winter Lung Cancer Conference  
Miami, FL
- 2007 Optimal Management of Malignant Pleural Effusions / Invited Speaker  
American Association of Thoracic Surgery Annual Meeting  
Washington, DC
- 2007 VATS Lobectomy in USA / Invited Speaker  
24<sup>th</sup> Annual Meeting of Japanese Association for Chest Surgery  
Fukuoka, Japan
- 2007 VATS Lobectomy/ Invited Speaker  
American Association of Thoracic Surgeons Annual Meeting  
Washington, DC
- 2007 Surgery for Lung Cancer /Northwestern Visiting Lecturer / Invited Lecturer  
Department of Surgery, Northwestern Memorial Hospital  
Chicago, IL
- 2007 Minimally Invasive Surgery for Lung Cancer/Invited Speaker  
American College of Surgeons (Ethicon Presentation)  
New Orleans, LA
- 2007 VATS Lobectomy is Best Option for Early Lung Cancer/Invited Lecturer  
American Society for Therapeutic Radiology and Oncology: Perspectives in  
Surgical Oncology Symposium  
Los Angeles, CA
- 2008 Parallel Surgical Forum II: General Thoracic II /Moderator  
Society of Thoracic Surgeons

- Fort Lauderdale, FL
- 2008 Tech-Con General Thoracic Track II: VATS Upper Right Lobe/ Invited Speaker  
Society of Thoracic Surgeons  
Fort Lauderdale, FL
- 2008 VATS Lobectomy /Invited Discussant  
American Association of Thoracic Surgeons  
San Diego, CA
- 2008 Advances in Thoracic Surgery: Update on VATS Lobectomy/ Invited Speaker  
Society of Thoracic Surgeons  
Fort Lauderdale, FL
- 2008 VATS Lobectomy Courses/ Faculty Presenter  
Ethicon Endo-Surgery Education Program (Ethicon Institute)  
Cincinnati, OH
- 2009 Screening for Lung Cancer, VATS segmentectomy/ Invited Speaker  
Masters of Minimally Invasive Thoracic Surgery, Duke University Medical Center  
Buena Vista, FL
- 2009 VATS Lobectomy Courses/ Faculty Presenter  
Ethicon Endo-Surgery Education Program (Ethicon Institute)  
Cincinnati, OH
- 2009 Impact of Surgical Approach on Toleration of Adjuvant Chemotherapy/ Faculty  
Presenter  
Contemporary General Thoracic Surgery, Washington University Medical Center  
St. Louis, MO
- 2009 Multi-Modality Management of Mesothelioma at Brigham and Women's Hospital/  
Faculty  
Contemporary General Thoracic Surgery, Washington University Medical Center  
St. Louis, MO
- 2009 Staging the Mediastinum in Early Stage Lung Cancer/ Faculty Presenter  
Contemporary General Thoracic Surgery, Washington University Medical Center  
St. Louis, MO
- 2009 Predicting Postoperative Mortality in Elderly Lung Cancer Patients/ Faculty  
Presenter  
Contemporary General Thoracic Surgery, Washington University Medical Center  
St. Louis, MO

- 2009 Prevention and Management of Bleeding During VATS Resection/ Faculty Presenter  
Contemporary General Thoracic Surgery, Washington University Medical Center  
St. Louis, MO
- 2009 Innovative Techniques to Complex Cases in General Thoracic Surgery: View Points from the Experts/ Invited Presenter  
American Association for Thoracic Surgeons  
Boston, MA
- 2009 Where are we going in thoracic surgery-a prelude to the future in nanotechnology/ Single Presentation  
American College of Surgeons, Brooklyn and Long Island Chapter and the Nassau Surgical Society  
Long Island, NY
- 2009 Non-Small Cell Lung Cancer Panel/ Invited Speaker  
National Comprehensive Cancer Network (NCCN) Meeting  
Philadelphia, PA
- 2009 Surgical Intervention for Esophageal Cancer/ Single Presentation  
University of Pittsburgh Medical Center  
Pittsburgh, PA
- 2009 The relationship between the extent of lymph node dissection and perioperative mortality after lung cancer surgery in the elderly (selected oral abstract)  
American Thoracic Society Annual Meeting  
San Diego, CA
- 2010 Technical and Scientific Advances in Thoracic Surgery/ Guest Presenter  
Society of Thoracic Surgeons  
Fort Lauderdale, FL
- 2010 VATS Lobectomy Courses/ Faculty Instructor  
Ethicon Endo-Surgery Education Program (Ethicon Institute)  
Cincinnati, OH
- 2010 Non-Small Cell Lung Cancer Panel/ Invited Speaker  
National Comprehensive Cancer Network (NCCN) Meeting  
Philadelphia, PA
- 2011 Non-Small Cell Lung Cancer Panel/ Invited Speaker  
National Comprehensive Cancer Network (NCCN) Meeting  
Philadelphia, PA
- 2011 Current Approaches to Minimally-Invasive Thoracic Surgery

- Washington University Medical Center  
St. Louis, MO
- 2011 Masters of Minimally Invasive Thoracic Surgery, Post-graduate Course  
Duke University Medical Center  
Orlando, FL
- 2011 Parallel Surgical Forum I: General Thoracic/ Moderator  
Society of Thoracic Surgeons  
San Diego, CA
- 2011 VATS Lobectomy vs. Robotic Lobectomy/ Invited Speaker  
General Thoracic Surgical Club  
Captive Island, FL
- 2011 VATS- Mediastinal Lymph Node Dissection for Non-Small Cell Lung Cancer/  
Guest Presenter  
American Association for Thoracic Surgery Annual Meeting  
Philadelphia, PA
- 2011 ACS General Surgery Review Course: The Esophagus Presentation/ Guest Presenter  
American College of Surgeons Clinical Congress Annual Meeting  
San Francisco, CA
- 2011 Pulmonary Resection in High-Risk Patients for T1a Non-small Cell lung Cancer  
(selected oral abstract)  
Western Thoracic Surgical Association Annual Meeting  
Colorado Springs, CO
- 2011 Regional Models for Optimal Surgical Care in Lung and Esophageal Cancer/ Guest  
Presenter  
American Association of Thoracic Surgery Annual Meeting (Covidien)  
San Francisco, CA
- 2011 Lobectomy is equivalent to sublobar resection for small ( $\leq 2$ cm) non-small cell  
lung cancers (selected oral abstract)  
Society of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2012 Cardiothoracic Surgery In the Future: Technology Overview for Residents and  
Medical Students/ Guest Presenter  
American College of Surgeons Clinical Congress Annual Meeting  
San Francisco, CA
- 2012 Lung Cancer- Diagnosis and Staging/ Guest Presenter  
Ethicon Endo-Surgery Resident Education Course (Ethicon)

Los Angeles, CA

- 2012 Complex VATS/ Guest Presenter  
Ethicon Endo-Surgery Resident Education Course (Ethicon)  
Los Angeles, CA
- 2012 Esophageal Cancer/ Guest Presenter  
Ethicon Endo-Surgery Resident Education Course (Ethicon)  
Los Angeles, CA
- 2012 Thoracoscopic Segmentectomy/ Invited Speaker  
American Association of Thoracic Surgery, Focus on Thoracic Surgery: Lung  
Cancer  
Boston, MA
- 2012 Minimally Invasive Resection/ Moderator  
American Association of Thoracic Surgery, Focus on Thoracic Surgery: Lung  
Cancer  
Boston, MA
- 2012 Lymph Node Dissection/ Invited Speaker  
American Association of Thoracic Surgery, Focus on Thoracic Surgery: Lung  
Cancer  
Boston, MA
- 2012 Video & Case Presentations/ Moderator  
American Association of Thoracic Surgery, Focus on Thoracic Surgery: Lung  
Cancer  
Boston, MA
- 2012 Management of Intraoperative Bleeding During VATS Lung Surgery/ Invited  
Speaker  
American Association of Thoracic Surgery, Focus on Thoracic Surgery: Lung  
Cancer  
Boston, MA
- 2012 Thoracoscopic Lobectomy: The State of the Art/ Guest Presenter  
5<sup>th</sup> Annual Masters of Minimally Invasive Thoracic Surgery  
Orlando, FL
- 2012 Thoracoscopic Mediastinal Lymph Node Dissection/ Guest Presenter  
5<sup>th</sup> Annual Masters of Minimally Invasive Thoracic Surgery  
Orlando, FL
- 2012 Controversies in the Management of Stage I NSCLC/ Moderator  
5<sup>th</sup> Annual Masters of Minimally Invasive Thoracic Surgery

Orlando, FL

- 2013 Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students/ Invited Speaker  
American College of Surgeons Annual Clinical Congress  
Chicago, IL
- 2013 CTSNet Video Roundtable: VATS Lobectomy vs. Robotic Lobectomy/ Invited Speaker  
Society of Thoracic Surgeons Annual Meeting  
Los Angeles, CA
- 2013 Middle and Lower Lobectomy/ Invited Speaker  
Current Approaches to Minimally Invasive Thoracic Surgery (Ethicon)  
Houston, TX
- 2013 Troubleshooting, Transitioning and Cases/ Invited Speaker  
Methodist Hospital (Ethicon)  
Houston, TX
- 2013 Current Approaches to Minimally Invasive Thoracic Surgery: Hands-on Lab/  
Course Instructor  
Methodist Hospital (Ethicon)  
Houston, TX
- 2013 The Evolution in Surgery for Lung Cancer/ Invited Speaker  
Allegheny General Hospital  
Allegheny, PA
- 2013 The Evolution in Surgery for Lung Cancer/ Grand Round  
Washington, DC.
- 2013 Potpourri of Benign Topics/ Moderator  
American Association of Thoracic Surgeons: Focus on Thoracic Surgery Summit  
Boston, MA
- 2013 Minimally Invasive Ivor Lewis/ Invited Speaker  
American Association of Thoracic Surgeons: Focus on Thoracic Surgery Summit  
Boston, MA
- 2013 Management of Local Recurrence/ Invited Speaker  
American Association of Thoracic Surgeons: Focus on Thoracic Surgery Summit  
Boston, MA
- 2014 Improving Outcomes/ Moderator  
American Association of Thoracic Surgeons: Focus on Thoracic Surgery Summit

- Boston, MA
- 2014 The Evolution of Surgery for Lung Cancer/ Invited Professorship  
Rush University Medical Center  
Chicago, IL
- 2014 Limitations of Technology vs. Advantages of Robotic and Non-Robotic Platforms/  
Single Presentation  
Chest Medicine: The Art of Minimally Invasive Thoracic Surgery and Interventional  
Pulmonary Medicine: A Collaborative Approach, Lenox Hill Hospital  
New York, NY
- 2014 Resection: Thoracoscopic/ Invited Speaker  
AATS: Focus on Thoracic Surgery  
Boston, MA
- 2014 Novel Technologies in Lung Cancer: Intraoperative Management- Localizing the  
Lung Nodule/ Invited Speaker  
American Association Thoracic Surgery: Focus on Thoracic Surgery  
Boston, MA
- 2015 Novel Technologies in Lung Cancer: VATS PA Repair/ Invited Speaker  
American Association Thoracic Surgery: Focus on Thoracic Surgery  
Boston, MA
- 2015 VATS Lobectomy versus Robotic Lobectomy/ Invited Speaker  
Society of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2015 Lung Cancer II- Debate: CON/No Go Persistent N2 Disease Following Induction  
Therapy/ Invited Speaker  
Society of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2015 SBRT and Wedge Resection are Equivalent Therapies for Early Stage Lung Cancer  
Oligometastatic Disease/ Invited Speaker  
American Association for Thoracic Surgery Annual Meeting  
Seattle, WA
- 2015 Thoracoscopic Segmentectomy/ Faculty Speaker  
Masters of Minimally Invasive Thoracic Surgery  
Orlando, FL
- 2015 CT Screening for Lung Cancer: Programmatic and Practical Issues/ Faculty Speaker  
Masters of Minimally Invasive Thoracic Surgery  
Orlando, FL

- 2015 Debate: Sublobar Resection is Underutilized/ Invited Presenter  
Masters of Minimally Invasive Thoracic Surgery  
Orlando, FL
- 2015 Completing Thoracoscopic Lobectomy for Locally Advanced Disease/ Invited Speaker  
American Association Thoracic Surgery: Focus on Thoracic Surgery  
Boston, MA
- 2015 Creating the Best Conduit/ Invited Speaker  
American Association Thoracic Surgery: Focus on Thoracic Surgery  
Boston, MA
- 2015 Managing Complications after Esophageal Resection/ Moderator  
American Association Thoracic Surgery: Focus on Thoracic Surgery  
Boston, MA
- 2015 Local Recurrence/ Invited Speaker  
American Association Thoracic Surgery: Focus on Thoracic Surgery  
Boston, MA
- 2015 Minimally Invasive Esophagectomy/ Invited Speaker  
Hackensack Esophageal Symposium  
Hackensack, NJ
- 2016 Segmentectomy & Lung Cancer: Why, When, How, & How Good/ Invited Speaker  
American Association of Thoracic Surgery  
Baltimore, MD
- 2016 VATS Tracheal Sleeve Resection with ECMO Support/ Invited Presenter  
American Association of Thoracic Surgery  
Baltimore, MD
- 2016 Traditional VATS Resections/ Invited Presenter  
Comprehensive Approaches to Advanced Thoracic Surgery (Ethicon)  
Celebration, FL
- 2016 Advanced Energy in Thoracic Surgery/ Invited Presenter  
Thoracic Leader Summit (Intuitive Surgical)  
Sunnyvale, CA
- 2016 VATS Fundamentals: 3 ports, 2 ports, 1 port? / Invited Presenter  
Advanced Thoracic Course (Medtronic)  
San Diego, CA

- 2016 Thoracoscopic Segmentectomy/ Invited Presenter  
Advanced Thoracic Course (Medtronic)  
San Diego, CA
- 2016 Vessel Sealing/ Invited Presenter  
Advanced Thoracic Course (Medtronic)  
San Diego, CA
- 2016 Role of Wedge Resection vs. Segmentectomy/ Invited Presenter  
Advanced Thoracic Course (Medtronic)  
San Diego, CA
- 2016 Esophageal Diverticula/ Invited Presenter  
Advanced Thoracic Course (Medtronic)  
San Diego, CA
- 2017 Managing Unexpected Intraoperative Bleeding/ Invited Presenter  
Society of Thoracic Surgeons  
Houston, TX
- 2017 Novel Use of Energy for Pulmonary Lobectomy & Segmentectomy/ Invited Speaker  
American Association for Thoracic Surgery Annual Meeting  
Boston, MA
- 2017 General Thoracic Surgery Simultaneous Scientific Session: Management of Early  
Stage Lung Cancer/ Moderator  
American Association for Thoracic Surgery Annual Meeting  
Boston, MA
- 2017 General Thoracic Hands-On Workshop Session/ Facilitator  
American Association for Thoracic Surgery Annual Meeting  
Boston, MA
- 2017 Surgical Innovation/ Moderator  
American Association for Thoracic Surgery: Focus  
Las Vegas, NV
- 2017 Learning Curve for Minimally Invasive Esophagectomy/ Invited Speaker  
American Association for Thoracic Surgery: Focus  
Las Vegas, NV
- 2017 Minimally Invasive Techniques after Induction Therapy: Preoperative &  
Intraoperative Strategies and Patient Selection/ Invited Speaker  
American Association for Thoracic Surgery: Focus  
Las Vegas, NV

- 2017 Open vs. Minimally Invasive Esophagectomy/ Visiting Professor  
University of Pittsburgh Medical Center  
Pittsburgh, PA
- 2017 Early Stage Esophageal Cancer: When to go Straight to Surgery/ Visiting Professor  
University of Pittsburgh Medical Center  
Pittsburgh, PA
- 2017 Traditional VATS resections/ Invited Presenter  
Advanced VATS Course (Ethicon)  
Celebration, FL
- 2018 Management of Recurrent Diaphragmatic Hernias/ Invited Presenter  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 Esophageal Diverticular Disease and Achalasia/ Moderator  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 Recurrent Achalasia after Heller Myotomy/ Invited Presenter  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 Barrett's Esophagus and Dysplasia/ Moderator  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 The Approach to Iatrogenic Esophageal Injuries/ Invited Presenter  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 Video Session/ Moderator  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 Minimally Invasive Ivor-Lewis Esophagectomy/ Invited Presenter  
17<sup>th</sup> Annual Surgery of the Foregut Symposium  
Ft. Lauderdale, FL
- 2018 New Tech...New Toys/ Moderator  
American Association of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2018 Monday General Thoracic Simultaneous Session/ Invited Discussant  
American Association of Thoracic Surgeons Annual Meeting

- San Diego, CA
- 2018 Tuesday Plenary Session. Invited Discussant  
American Association of Thoracic Surgeons Annual Meeting  
San Diego, CA
- 2018 Minimally Invasive Esophagectomy for Esophageal Cancer/ Visiting Professorship  
Swedish Cancer Institute  
Seattle, WA
- 2018 Evolution in the treatment of early stage lung cancer/ Visiting Professorship  
Swedish Cancer Institute  
Seattle, WA
- 2018 Traditional VATS Resections/ Invited Speaker  
Comprehensive Approaches to Advanced Thoracic Surgery (Ethicon)  
La Jolla, CA
- 2018 VATS wedge resection & lobectomy, hands-on procedure lab/ Invited Faculty  
Comprehensive Approaches to Advanced Thoracic Surgery (Ethicon)  
La Jolla, CA
- 2018 Diagnosis & Treatment of Early Stage Lung Cancer/ Moderator  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
New York, NY
- 2018 Diagnosis, Staging, and Treatment of Early Stage Lung Cancer: One Stop, One  
Shop, One Day/ Invited Speaker  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
New York, NY
- 2018 How I Do It- VATS Upper Lobe Posterior Segmentectomy/ Invited Presenter  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
New York, NY
- 2018 Best Breakfast of Your Life: Tips for Getting Your First Job/ Moderator  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
New York, NY
- 2018 A Contrarian's View of Uniportal VATS/ Invited Speaker  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit

New York, NY

- 2019 VATS Sleeve Lobectomy/ Invited Instructor  
Society of Thoracic Surgery Annual Meeting  
San Diego, CA
- 2019 Prospective, Multi-Center, International Phase 2 Trial Evaluating Ultrasonic Energy  
for Pulmonary Artery Branch Sealing in VATS Lobectomy/ Invited Discussant  
American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2019 Role of Sublobar Resection for Solid Nodules/ Invited Speaker  
American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2019 Screening & Early Stage Lung Cancer/ Moderator  
American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2019 Plenary-Undertreatment/ Moderator  
American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2019 Lung Cancer Surgery Master Class/ Moderator  
American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2019 How I do it: Pneumonectomy following induction therapy/ Invited Speaker  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
New York, NY
- 2019 Getting it Right- landing the Best Job/ Moderator  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
New York, NY
- 2019 Evidence & Surgical Techniques Using Harmonic technology in VATS / Moderator  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit (Ethicon)  
New York, NY
- 2020 Multidisciplinary Care/ Moderator  
American Association for Thoracic Surgery Annual Meeting  
New York, NY

*This presentation was scheduled, but then canceled due to a COVID-19 travel/meeting ban*

- 2020 How I Do It: Minimally-Invasive Pulmonary Resections/ Moderator  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
Virtual Meeting
- 2020 Lung Cancer Surgery in the Covid Era: Patient Prioritization, Results, and  
Recommendations/ Invited Speaker  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
Virtual Meeting
- 2020 Navigating Challenging Dissections with MIE/ Invited Speaker  
American Association for Thoracic Surgery: International Thoracic Surgical  
Oncology Summit  
Virtual Meeting
- 2021 Definition and Assessment of High-Risk Patients Considered for Lobectomy for  
Stage I Non-Small Cell Lung Cancer/ Invited Speaker  
American Association for Thoracic Surgery Annual Meeting  
Virtual Meeting
- 2021 How I Do It: Video Session/ Moderator  
American Association for Thoracic Surgery Annual Meeting  
Virtual Meeting

**International:**

**No presentations below were sponsored by outside entities.**

- 1993 Cyclosporin A (CyA) inhibits endothelial activation in coronary arteries of  
experimentally transplanted hearts (selected poster presentation)  
International Heart and Lung Transplantation Meeting  
Boca Raton, FL
- 1993 Smooth muscle cells of the coronary arterial tunica media express TNF – alpha  
expression and proliferate during acute rejection of rabbit cardiac allografts  
(selected poster presentation)  
International Heart and Lung Transplantation Meeting  
Boca Raton, FL
- 1997 Endoscopic Lung Plication for Lung Emphysema/ Invited Lecturer  
Japanese Society of Endoscopic Surgery Annual Meeting  
Fukuoka, Japan
- 1998 The utility of early transbronchial lung biopsies (TBBX) in prediction long term  
survival following lung transplantation (LTX) (selected oral abstract)

- 3<sup>rd</sup> International Congress of Lung Transplantation  
Paris, France
- 1999 Lung Volume Reduction Surgery: Techniques. Esophageal Physiology, Motility Disorders and their Treatment. An Update on Mesothelioma. New Surgical Techniques in the Management of Lung Cancer/ Invited Presenter  
South African Cardiothoracic Surgery Society Forum  
Zimbabwe, Africa
- 2002 The Role of VATS Lobectomy/ Invited Speaker  
21<sup>st</sup> Annual Symposium Clinical Update in Anesthesiology  
Antigua, West Indies
- 2003 Volume Reduction of Lung Surgery/ Invited Speaker  
6<sup>th</sup> Annual Congress of Turkish Thoracic Surgery  
Belek-Antalya, Turkey
- 2003 Screening Detected Lung Cancer, A New Clinical Entity: Diagnostic, Pathologic, and Therapeutic Issues and Approaches to Innovative Research/ Invited Speaker  
NIH Conference  
Kyoto, Japan
- 2003 VATS Lobectomy Adjuvant Therapy for Early Lung Cancer/ Invited Lecturer  
44<sup>th</sup> Annual Meeting of the Lung Cancer Society  
Tokyo, Japan
- 2003 Vats Lobectomy/ Invited Lecturer  
17<sup>th</sup> Asia-Pacific Congress  
Istanbul, Turkey
- 2004 VATS Lobectomy/Invited Lecturer  
1<sup>st</sup> WJTOG International Symposium on Lung Cancer  
Nara City, Japan
- 2006 Thoracoscopic Lobectomy – Superior to Open Lobectomy for early stage lung cancer/ Invited Speaker  
Endoscopic and Laparoscopic Surgeons of Asia  
Seoul, Korea
- 2007 Surgery for lung cancer and Mesothelioma/Invited Speaker  
Turkish Thoracic Society Lung & Pleural Malignancies Study Group  
Istanbul, Turkey
- 2008 Minimally Invasive Esophagectomy for Esophageal Cancer/ Invited Speaker  
Post-graduate Conference in Thoracic Surgery, Bethune Chest Center First Teaching Hospital of Jilin University

Changchun, People's Republic of China

- 2009 VATS Lobectomy/Segmentectomy/Sleeve/Pneumonectomy/ Guest Presenter  
International Society for Minimally Invasive Cardiothoracic Surgery  
San Francisco, CA
- 2009 Video-Assisted Thoracoscopic Surgery, Highlighting VATS Lobectomy Hands-On  
Skills/ Faculty  
International Society for Minimally Invasive Cardiothoracic Surgery  
San Francisco, CA
- 2009 VATS for Lung Cancer Resection/ Invited Speaker  
2<sup>nd</sup> International Symposium COPD and Lung Cancer: Early Detection  
Pamplona, Spain
- 2009 Invited Speaker, Post-graduate Conference in Thoracic Surgery and 60<sup>th</sup>  
Anniversary Ceremonies for the First Teaching Hospital of Jilin University  
Bethune Chest Center First Teaching Hospital of Jilin University  
Changchun, People's Republic of China
- 2009 Early Stage Lung Cancer and New Treatment Strategies: Surgical Indication and  
Procedures/ Invited Speaker  
Annual Congress of the Japan Lung Cancer Society, Kitasato University School of  
Medicine  
Kanagawa, Japan
- 2010 Minimally Invasive Lobectomy for Lung Cancer/ Invited Faculty  
Royal College of Surgeons  
Edinburgh, Scotland
- 2010 Patterns of Recurrence and Incidence of Secondary Primary Tumors after  
Lobectomy by VATS versus Thoracotomy for Lung Cancer/ Invited Discussant  
American Association for Thoracic Surgery Annual Meeting  
Toronto, Canada
- 2011 Surgeon's Volume Outcomes Relationship for Lobectomies and Wedge Resections  
for Cancer Using Video-Assisted Thoracoscopic Techniques, (selected poster  
presentation)  
International Society for Pharmacoeconomics and Outcomes Research (ISPOR)  
16<sup>th</sup> Annual International Meeting  
Baltimore, MD
- 2011 Segmentectomy/ Invited Presenter  
European Society of Thoracic Surgeons Annual Conference  
Marseille, France

- 2011 Minimally-Invasive Esophagectomy/ Invited Faculty  
7<sup>th</sup> Annual Thoracic Surgery Refresher Course, University of Toronto  
Toronto, Canada
- 2011 CT Screening Workshop/ Invited Participant  
World Conference on Lung Cancer  
Amsterdam RAI, Netherlands
- 2012 Lobectomy vs Sub Lobar Resection in <2cm peripheral NSCLC/ Invited Presenter  
Cardiovascular and Thoracic Surgery Congress  
Lima, Peru
- 2012 Video assisted Thoracoscopy for Pneumonectomy in Lung Cancer/ Invited Presenter  
Cardiovascular and Thoracic Surgery Congress  
Lima, Peru
- 2012 Early Detection in Lung Cancer/ Invited Presenter  
Cardiovascular and Thoracic Surgery Congress  
Lima, Peru
- 2012 NSCLC, VATS Lobectomy/ Invited Presenter  
4<sup>th</sup> General Thoracic Congress  
Paris, France
- 2012 Advancements of VATS Surgery/ Invited Presenter  
5<sup>th</sup> West China Forum on Mini-Invasive Thoracic Surgery  
Sichuan, China
- 2012 Live Broadcasted VATS Surgery/ Invited Presenter  
5<sup>th</sup> West China Forum on Mini-Invasive Thoracic Surgery  
Sichuan, China
- 2012 Modern Concepts in Minimally Invasive Lung Surgery/ Visiting Professor  
National Cancer Institute of Italy  
Naples, Italy
- 2012 Evolution in VATS Lung Surgery/ Visiting Professor  
65<sup>th</sup> Annual Scientific Meeting of the Japanese Association for Thoracic Surgery  
Fukuoka, Japan
- 2012 Treatment of Mesothelioma/ Visiting Professor  
65<sup>th</sup> Annual Scientific Meeting of the Japanese Association for Thoracic Surgery  
Fukuoka, Japan
- 2012 VATS Segmentectomy/ Visiting Professor  
65<sup>th</sup> Annual Scientific Meeting of the Japanese Association for Thoracic Surgery

- Fukuoka, Japan
- 2012 Video-assisted thoracic surgery for lung disease: How the field has evolved over the past 20 years and the place of new technologies such as robotics going forward/  
Visiting Professor  
Japan Society for Endoscopic Surgery Annual Meeting  
Yokohama, Japan
- 2013 Current Limits of Minimally Invasive Thoracic Surgery and Future Development/  
Invited Speaker  
39<sup>th</sup> Annual Toronto Thoracic Surgery Refresher Course  
Toronto, Canada
- 2013 Approach to NSCLC with Enlarged Aorto-Pulmonary Lymph Node/ Invited  
Speaker  
39<sup>th</sup> Annual Toronto Thoracic Surgery Refresher Course  
Toronto, Canada
- 2013 What Should the Preoperative Workup be Before a Pneumonectomy? / Invited  
Speaker  
39<sup>th</sup> Annual Toronto Thoracic Surgery Refresher Course  
Toronto, Canada
- 2013 Approach to NSCLC with Enlarged Aorto-Pulmonary Lymph Node/ Invited  
Speaker  
39<sup>th</sup> Annual Toronto Thoracic Surgery Refresher Course  
Toronto, Canada
- 2013 VATS Segmentectomy/ Invited Speaker  
39<sup>th</sup> Annual Toronto Thoracic Surgery Refresher Course  
Toronto, Canada
- 2012 Evolution of Surgery for Lung Cancer/ Invited Speaker  
Marmara University School of Medicine  
Istanbul, Turkey
- 2013 Segmentectomy for Lung Cancer/ Invited Speaker  
Marmara University School of Medicine  
Istanbul, Turkey
- 2013 VATS Training for Lung Cancer Surgery/ Invited Speaker  
Marmara University School of Medicine  
Istanbul, Turkey
- 2013 Thoracoscopic Segmentectomy/ Invited Speaker  
5<sup>th</sup> West China Forum

- Shanghai, China
- 2013 Alternatives to Stapling/ Invited Speaker  
5<sup>th</sup> West China Forum  
Shanghai, China
- 2013 Esophageal Surgery: USA/ Invited Speaker  
5<sup>th</sup> West China Forum  
Shanghai, China
- 2013 Technologies for Advanced Thoracoscopic Procedures/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 VATS: One Name- Different Techniques the Rational Fundamentals for Various  
Approaches/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 Tricks and Tips/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 Thoracoscopic Lobectomies: How I Do It? Main Technical Steps and Tricks with  
Different Standpoints/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 Technologies for Advanced Thoracoscopic Procedures/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 Thoracoscopic Thymectomies/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 Troubleshooting Complications: Description, Management and Prevention/ Invited  
Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 Advanced Techniques/ Invited Speaker  
Advanced Course in Thoracoscopic Procedures  
Strasbourg, France
- 2013 The Evolution in Surgery for Lung Cancer/ Invited Speaker

- Seoul National University Hospital  
Seoul, South Korea
- 2013 Canine Animal Lab/ Invited Speaker  
Seoul National University Hospital  
Seoul, South Korea
- 2014 Paper Discussion: CT Evaluation of Adenocarcinomas is Highly Predictive of  
Oncologic Outcome at Resection/ Presenter  
American Association of Thoracic Surgery  
Toronto, Canada
- 2014 Novel Technologies in Lung Cancer Course/ Invited Speaker  
American Association of Thoracic Surgery  
Toronto, Canada
- 2014 VATS Thymectomy/ Invited Speaker  
The International Society for Minimally Invasive Cardiothoracic Surgery  
Boston, MA
- 2014 Segmentectomy for Lung Cancer/ Invited Speaker  
Taiwan Lung Cancer Society Annual Meeting  
Taipei, Taiwan
- 2014 Optimal Surgical Approach for Lung Cancer Less Than 2cm. Stratification by  
Histology/ Invited Speaker  
11<sup>th</sup> International Conference of the Asian Clinical Oncology Society in conjunction  
with the 19<sup>th</sup> Taiwan Joint Cancer Conference  
Taipei, Taiwan
- 2014 Segmentectomy for Lung Cancer/ Invited Speaker  
Tzu-Chi Buddhist Hospital  
Hualien, Taiwan
- 2014 N2 in Real Life/ Invited Speaker  
Vesuvian Interactive Course 2014  
Naples, Italy
- 2014 Power Staplers/ Invited Speaker  
Vesuvian Interactive Course 2014  
Naples, Italy
- 2014 Surgical view: when surgery is appropriate/ Invited Speaker  
Meeting with Dana-Farber Experts II Congresso Oncologia D'Or  
Rio de Janeiro, Brazil

- 2014 Surgical view: why this is the standard option/ Invited Speaker  
Meeting with Dana-Farber Experts II Congresso Oncologia D'Or  
Rio de Janeiro, Brazil
- 2014 Is there any role for surgery/ Invited Speaker  
Meeting with Dana-Farber Experts II Congresso Oncologia D'Or  
Rio de Janeiro, Brazil
- 2014 Thoracoscopic and Robotic Applications in Thoracic Tumors/ Invited Speaker  
Meeting with Dana-Farber Experts II Congresso Oncologia D'Or  
Rio de Janeiro, Brazil
- 2015 Management of Early Lung Cancer: Minimally Invasive Surgery vs. SBRT. Have  
we reached an evidence-based consensus? / Invited Speaker  
European Society of Thoracic Surgeons  
Lisbon, Portugal
- 2015 VATS Segmentectomy/ Invited Speaker  
Third International Joint Meeting on Thoracic Surgery  
Barcelona, Spain
- 2015 What Surgery for 1cm Tumors? / Invited Speaker  
Third International Joint Meeting on Thoracic Surgery  
Barcelona, Spain
- 2015 Intraoperative Nodal Assessment/ Chairperson  
Third International Joint Meeting on Thoracic Surgery  
Barcelona, Spain
- 2016 Advancement of Lung Cancer and Pulmonary Surgery/ Invited Speaker  
Peking University  
Beijing, China
- 2016 VATS Resection Following Induction Therapy/ Invited Speaker  
American Association for Thoracic Surgery: Focus on Thoracic Surgery- Lung and  
Esophageal Cancer  
Shanghai, China
- 2016 Management of Chyle Leak/ Invited Speaker  
American Association for Thoracic Surgery: Focus on Thoracic Surgery- Lung and  
Esophageal Cancer  
Shanghai, China
- 2016 VATS Lobectomy/ Invited Presenter  
American Association for Thoracic Surgery: Focus on Thoracic Surgery- Lung and  
Esophageal Cancer

- Shanghai, China
- 2016 Causes and Implications of catastrophic VATS events/ Invited Speaker  
European Society of Thoracic Surgeons  
Naples, Italy
- 2016 Will Lung Cancer Screening contribute to defeat lung cancer? / Invited Speaker  
European Society of Thoracic Surgeons  
Naples, Italy
- 2016 Minimally Invasive Esophagectomy/ Invited Lecturer  
West China Forum on Minimally Invasive Thoracic Surgery  
Kunming, China
- 2016 Surgical Choices for Patients with Multifocal Lung Cancer/ Invited Speaker  
International Association for the Study of Lung Cancer World Conference on Lung  
Cancer  
Vienna, Austria
- 2017 Managing Intraoperative Complications/ Invited Presenter  
8<sup>th</sup> Advanced Video-Assisted Thoracic Surgery Course  
Leeds, UK
- 2017 Where are we going with lung cancer surgical treatment? / Invited Lecture  
8<sup>th</sup> Advanced Video-Assisted Thoracic Surgery Course  
Leeds, UK
- 2017 VATS Segmentectomy/ Invited Speaker  
American Association for Thoracic Surgery: Focus on Thoracic Surgery: Lung and  
Esophageal Cancer  
Beijing, China
- 2017 Energy Use and Bleeding Issues During Minimally Invasive Lung Surgery/ Invited  
Speaker  
American Association for Thoracic Surgery: Focus on Thoracic Surgery: Lung and  
Esophageal Cancer  
Beijing, China
- 2017 Management of Chyle Leak/ Invited Speaker  
American Association for Thoracic Surgery: Focus on Thoracic Surgery: Lung and  
Esophageal Cancer  
Beijing, China
- 2017 Advanced Surgery for Lung Cancer/ Invited Speaker  
Japanese Association for Thoracic Surgery  
Sapporo, Japan

- 2017 Surgery for Lung Cancer/ Invited Speaker  
Japanese Association for Thoracic Surgery  
Sapporo, Japan
- 2017 Combined Modality Treatment for Thymic & Pleural Malignancy/ Invited Chair  
International Association for the Study of Lung Cancer  
Yokohama, Japan
- 2017 Surgery for Malignant Pleural Mesothelioma/ Invited Speaker  
International Association for the Study of Lung Cancer  
Yokohama, Japan
- 2018 Segmentectomy for T1a lung carcinoma: its place in treatment array:  
Segmentectomy? / Invited Speaker  
International Conference on Sublobar Resections  
Paris, France
- 2018 Take Home Message/ Invited Speaker  
International Conference on Sublobar Resections  
Paris, France
- 2018 VAT Lobectomy/ Invited Speaker  
Surgery Medicine Conference, Arab Health  
Dubai, UAE
- 2018 A review of ERAS protocol/ Invited Speaker  
Surgery Medicine Conference, Arab Health  
Dubai, UAE
- 2018 Rigid Bronchoscopy/ Invited Speaker  
Respiratory Medicine Conference, Arab Health  
Dubai, UAE
- 2018 VATS Lobectomy where are we now? Lessons learned from the evolution in  
different countries/ Invited Discussant  
Video- Assisted Thoracic Surgery Symposium (Johnson & Johnson Institute)  
Norderstedt, Germany
- 2018 Segmentectomy: Is Less Better? / Invited Speaker  
Video- Assisted Thoracic Surgery Symposium (Johnson & Johnson Institute)  
Norderstedt, Germany
- 2018 Live Surgery from Zhongshan Hospital: Lobectomy, Segmentectomy/ Invited  
Discussant  
Video- Assisted Thoracic Surgery Symposium (Johnson & Johnson Institute)

Norderstedt, Germany

- 2018 Thoracoscopic Segmentectomy/ Invited Speaker  
American Association for Thoracic Surgery: Focus on Thoracic Surgery: Lung & Esophageal Cancer  
Guangzhou, China
- 2018 Minimally Invasive Resection of a large GIST of the GE Junction/ Invited Presenter  
American Association for Thoracic Surgery: Focus on Thoracic Surgery: Lung & Esophageal Cancer  
Guangzhou, China
- 2018 Esophageal Cancer: Resection Strategies/ Moderator  
American Association for Thoracic Surgery: Focus on Thoracic Surgery: Lung & Esophageal Cancer  
Guangzhou, China
- 2019 The Role of Segmentectomy in Early Stage Lung Cancer/ Invited Speaker  
2019 Nanjing International Summit Forum on Precisely Surgical Treatment of the Early Stage Lung Cancer  
Nanjing, China
- 2019 Thymic Tumors: From Molecular to Clinical Results and New Challenges in Other Rare Thoracic Tumors/ Invited Discussant  
International Association for the Study of Lung Cancer- World Conference on Lung Cancer  
Barcelona, Spain
- 2019 Vascular & bronchial tears/ Invited Speaker  
2<sup>nd</sup> International Conference on Sublobar Resection for Lung Cancer  
New York, NY
- 2019 Upper lobe apical segment (S1)/ Invited Speaker  
2<sup>nd</sup> International Conference on Sublobar Resection for Lung Cancer  
New York, NY
- 2019 Segmentectomy for Solid Nodules: When and Why/ Invited Speaker  
American Association for Thoracic Surgery: Focus  
Chengdu, China
- 2019 The Next Generation/ Moderator  
American Association for Thoracic Surgery: Focus  
Chengdu, China
- 2019 The OR of the Future/ Invited Speaker  
American Association for Thoracic Surgery: Focus

Chengdu, China

- 2019 Segmentectomy for Solid Nodules: How/ Invited Presenter  
American Association for Thoracic Surgery: Focus  
Chengdu, China
- 2020 The best way to use segmentectomy for lung cancer, with updates from the  
international trials/ Invited Speaker  
2020 Nanjing International Summit Forum on Precisely Surgical Treatment of the  
Early Stage Lung Cancer  
Nanjing, China  
*Due to a COVID-19 travel/meeting ban this conference was held virtually*
- 2021 Arterial and Venous dissection and division/ Invited Presentation  
European Society of Thoracic Surgeons VATS Course Webinar Series  
*Due to a COVID-19 travel/meeting ban this conference was held virtually*
- 2021 Parenchyma saving operations: sleeve lobectomy and sublobar resections/ Invited  
Presenter  
European Society for Thoracic Surgery School of Thoracic Surgery- Knowledge  
Track Course  
Virtual Meeting  
*This presentation was originally scheduled for 2020, but was delayed one year and  
conducted online due to a COVID-19 travel/meeting ban*
- 2021 ESTS Postgraduate Course/ Invited Presenter  
European Society for Thoracic Surgery Annual Meeting  
Virtual Meeting  
*This presentation was originally scheduled for 2020, but was delayed one year and  
conducted online due to a COVID-19 travel/meeting ban*

## **Report of Clinical Activities and Innovations**

### **Current Licensure and Board Certification:**

- 1990- Massachusetts Medical License  
1991- Certification, American Board of Surgery  
1996- Certification, American Board of Thoracic Surgery  
2015- Rhode Island Medical License  
2021- Maine Medical License

### **Practice Activities**

- 2008- Outpatient clinic                      Thoracic Surgery, BWH                      9.5 hours per week

2008-	Outpatient clinic	Thoracic Oncology Program, Dana-Farber Cancer Institute	3.5 hours per week
2008-	Surgery	BWH	3 days per week

### **Report of Education of Patients and Service to the Community**

#### **Education of Patients and Service to the Community:**

2000- 2005	Walk in the Sand Fundraiser	Physician Coordinator	Awareness Campaign for Esophageal Cancer
2007	Lung Cancer Awareness Day	Organizer (Mount Sinai Medical Center)	
2009	Video Assisted Thoracic Surgery: What to Expect-		Patient Guide and DVD
2009	Video Assisted Thoracic Surgery- Lung Cancer Awareness Month	Radio News Release	News Broadcast Network

#### **Educational Materials for Patients and the Lay Community:**

2006	Lung Cancer Screening and Early Detection	Newsletter (Flagship Healthcare Management)	Vol 2, Issue 1, Feb
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#### **Recognition:**

2003- 2008	Best Doctors	New York Magazine
2003- 2014	Best Doctors in America	Castle Connolly
2009-	Best Doctors	Boston Magazine
2015	Honor Your Caregiver	Schwartz Center for Compassionate Healthcare
2016-	America's Top Doctors for Cancer	Castle Connolly
2017-	Best Doctors in America	Castle Connolly
2017-	Top Doctors	Boston Magazine

## Report of Scholarship

### Peer-Reviewed Scholarship in print or other media

#### **Research Investigations**

1. Libby P, Pober JS, **Swanson SJ**, Mudge GH, Schoen FJ. Arteriosclerosis in transplanted hearts: too much and too soon. *Can J Cardiol.* 1991 Apr;7(3):XI-XII. PMID: 2044011.
2. Libby P, **Swanson SJ**, Tanaka H, Murray A, Schoen F, and Pober JS. Immunopathology of coronary arteriosclerosis in transplanted hearts. *J Heart Lung Transplant.* 1992 May-Jun;11:5S-6S. PMID: 1622999.
3. Tanaka H, Sukhova G, **Swanson SJ**, Clinton SK, Ganz P, Cybulsky MI, Libby P. Sustained activation of vascular cells and leukocytes in the rabbit aorta after balloon injury. *Circulation.* 1993 Oct;88:1788-803. PMID: 7691431.
4. Tanaka H, Sukhova GK, **Swanson SJ**, Cybulsky MI, Schoen FJ, Libby P. Endothelial and smooth muscle cells express leukocyte adhesion molecules heterogeneously during acute rejection of rabbit cardiac allografts. *Am J Pathol.* 1994 May;44:938-51. PMID: 7513950.
5. **Swanson SJ**, Rosenzweig A, Seidman JG, Libby P. Diversity of T-cell antigen receptor V beta gene utilization in advanced human atheroma. *Arterioscler Thromb.* 1994 Jul;14:1210-4. PMID: 8018677.
6. Tanaka H, **Swanson SJ**, Sukhova G, Schoen FJ, Libby P. Early proliferation of medial smooth muscle cells in coronary arteries of rabbit cardiac allografts during immunosuppression with cyclosporine A. *Transplant Proc.* 1995 Jun;27:2062-5. PMID: 7792886.
7. **Swanson SJ**, Cohn LH. Excision of focal aortic arch atheroma using deep hypothermic circulatory arrest. *Ann Thorac Surg.* 1995 Aug;60:457-8. PMID: 7646121.
8. Tanaka H, **Swanson SJ**, Sukhova G, Schoen FJ, Libby P. Smooth muscle cells of the coronary arterial tunica media express tumor necrosis factor - alpha expression and proliferate during acute rejection of rabbit cardiac allografts. *Am J Pathol.* 1995 Sep;147:617-26. PMID: 7677176.
9. Harpole DH, Liptay MJ, DeCamp MM Jr., Mentzer SJ, **Swanson SJ**, Sugarbaker DJ. Prospective analysis of pneumonectomy: risk factors for major morbidity and cardiac dysrhythmias. *Ann Thorac Surg.* 1996 Mar;61:977-82. PMID: 8619729.

10. Mentzer SJ, Longtine J, Fingerroth J, Reilly JJ, DeCamp MM, O'Donnell W, **Swanson SJ**, Faller DV, Sugarbaker DJ. Immunoblastic lymphoma of donor origin in the allograft after lung transplantation. *Transplantation*. 1996 Jun 27;61:1720-5. PMID: 8685950.
11. Sugarbaker DG, Garcia JP, Richards WG, Harpole DH Jr., Baldini EH, DeCamp MM Jr., Mentzer SJ, Liptay MJ, Strauss GM, **Swanson SJ**. Extrapleural pneumonectomy in multimodality therapy of malignant pleural mesothelioma. Results in 120 consecutive patients. *Ann Surg*. 1996 Sept;224(3):288-296; discussion 294-6. PMID: 8813257.
12. Jaklitsch MT, DeCamp MM Jr., Liptay MJ, Harpole DH, Jr., **Swanson SJ**, Mentzer SJ, Sugarbaker DJ. Video-assisted thoracic surgery in the mediastinoscopy : A review of 307 cases. *Chest*. 1996 Sep;110(3):751-8. PMID: 8797422.
13. Renshaw AA, Nappi D, **Swanson SJ**, Sugarbaker DJ. Effusion cytology after extrapleural pneumonectomy for malignant mesothelioma. *Am J Clin Pathol*. 1997 Feb;107:206-10. PMID: 9024069.
14. Baldini EH, Recht A, Strauss GM, DeCamp MM, **Swanson SJ**, Liptay MJ, Mentzer SJ, Sugarbaker DJ. Patterns of failure after trimodality therapy for malignant pleural mesothelioma. *Ann Thorac Surg*. 1997 Feb;63:334-8. PMID: 9033296.
15. Michaels BM, Orgill DP, DeCamp MM, Pribaz JJ, Eriksson E, **Swanson SJ**. Flap closure of postpneumonectomy empyema. *Plast Reconstr Surg*. 1997 Feb;99:437-42. PMID: 9030151.
16. **Swanson SJ**, Mentzer SJ, DeCamp MM Jr, Bueno R, Richard WG, Igenito EP, Reilly JJ, Sugarbaker DJ. No-cut thoracoscopic lung plication: a new technique for lung volume reduction surgery. *J Am Coll Surg*. 1997 Jul;185:25-32. PMID: 9208957.
17. **Swanson SJ**. Esophageal cancer: a case for aggressive staging and a tailored treatment plan. *Chest*. 1997 Oct;112(4 Suppl):182S-183S. PMID: 9337284.
18. Sugarbaker DJ, Norberto JJ, **Swanson SJ**. Surgical staging and work-up of patients with diffuse malignant pleural mesothelioma. *Semin Thorac Cardiovasc Surg*. 1997 Oct;9(4):356-60. PMID: 9352952
19. Sugarbaker DJ, Norberto JJ, **Swanson SJ**. Extrapleural pneumonectomy in the setting of multimodality therapy for diffuse malignant pleural mesothelioma. *Semin Thorac Cardiovasc Surg* 1997; 9(4):373-82. PMID: 9352955

20. Renshaw AA, Nappi D, Sugarbaker DJ, **Swanson SJ**. Effusion cytology of esophageal carcinoma. *Cancer*. 1997 Dec;81(6):365-72. PubMed PMID: 9438462.
21. Monson JM, Stark P, Reilly JJ, Sugarbaker DJ, Strauss GM, **Swanson SJ**, DeCamp MM, Mentzer SJ, Baldini EH. Clinical radiation pneumonitis and radiographic changes after thoracic radiation therapy for lung carcinoma. *Cancer*. 1998 Mar 1;82(5):842-50. PMID: 9486572.
22. Renshaw AA, Madge R, Sugarbaker DJ, **Swanson SJ**. Malignant pleural effusions after resection of pulmonary adenocarcinoma. *Acta Cytol*. 1998 Sept-Oct;42(5):1111-5. PMID: 9755666
23. Sugarbaker DJ, Flores RM, Jaklitsch MT, Richards WG, Strauss GM, Corson JM, DeCamp MM, **Swanson SJ**, Bueno R, Lukanich JM, Baldini EH, Mentzer SJ. Resection margins, extrapleural nodal status, and cell type determine postoperative long-term survival in trimodality therapy of malignant pleural mesothelioma: results in 183 patients. *J Thorac Cardiovasc Surg*. 1999 Jan;117(1):54-63; discussion 63-5. PMID: 9869758.
24. Baldini EH, DeCamp MM, Katz MS, Berman SM, **Swanson SJ**, Mentzer SJ, Bueno R, Sugarbaker DJ. Patterns of recurrence and outcome for patients with stage II non-small-cell lung cancer. *Am J Clin Oncol*. 1999 Feb;22(1):8-14. PMID: 10025371.
25. **Swanson SJ**, Grondin SC, Sugarbaker DJ. Total Esophagectomy: the Brigham and Women's Hospital Approach. *Operat Tech Thorac Cardiovasc Surg*. 1999 Aug;4(3):197-209. doi: [https://doi.org/10.1016/S1522-2942\(07\)70117-4](https://doi.org/10.1016/S1522-2942(07)70117-4)
26. Mallery S, DeCamp M, Bueno R, Mentzer SJ, Sugarbaker DJ, **Swanson SJ**, Van Dam J. Pretreatment staging by endoscopic ultrasonography does not predict complete response to neoadjuvant chemoradiation in patients with esophageal carcinoma. *Cancer*. 1999 Sep 1;86:764-9. PMID: 10463973.
27. Mentzer SJ, **Swanson SJ**. Treatment of patients with lung cancer and severe emphysema. *Chest*. 1999 Dec;116(6 Suppl):477S-479S. PMID: 10619513.
28. Jaklitsch MT, Bueno R, **Swanson SJ**, Mentzer SJ, Lukanich JM, Sugarbaker DJ. New surgical options for elderly lung cancer patients. *Chest*. 1999 Dec;116(6 Suppl):480S-485S. PMID: 10619514.
29. **Swanson SJ**, Jaklitsch MT, Mentzer SJ, Bueno R, Lukanich JM, Sugarbaker DJ. Management of the solitary pulmonary nodule: role of thoracoscopy in diagnosis and therapy. *Chest*. 1999 Dec;116(6 Suppl):523S-524S. PMID: 10619524.

30. **Swanson SJ**, Mentzer SJ, Reilly JJ, Bueno R, Lukanich JM, Jaklitsch MT, Kobzik L, Ingenito E P, Fuhlbrigge A, Donovan C, McKee C, Boyle K, Fagan GP, Sugarbaker DJ. Surveillance transbronchial lung biopsies: implication for survival after lung transplantation. *J Thorac Cardiovasc Surg.* 2000 Jan;119:27-37. PMID: 10612758.
31. Rawn J, DeCamp MM, **Swanson SJ**, Warner A, Warren H, Mentzer SJ. Angiocentric recruitment of lymphocytes into the lung after the intrabronchial instillation of antigen. *Exp Lung Res.* 2000 Mar;26:89-103. PMID: 10742924.
32. Bueno R, Richards WG, **Swanson SJ**, Jaklitsch MT, Lukanich JM, Mentzer SJ, Sugarbaker DJ. Nodal stage after therapy for state IIIA lung cancer determines patient survival. *Ann Thorac Surg.* 2000 Dec; 70(6):1826-31. PMID: 11156079.
33. West CA, He C, Su M, Rawn J, **Swanson SJ**, Jay JB, Mentzer SJ. Stochastic regulation of cell migration from the efferent lymph to oxazolone-stimulated skin. *J Immunol.* 2001 Feb; 166(3):1517-23. PMID: 11160191
34. Jaklitsch MT, Mery CM, Lukanich JM, Richards WG, Bueno R, **Swanson SJ**, Mentzer SJ, Davis BD, Allred EN, Sugarbaker DJ. Sequential thoracic metastasectomy prolongs survival by re-establishing local control within the chest. *J Thorac Cardiovasc Surg.* 2001 Apr;121(4): 657-67. PMID: 11279405.
35. Ingenito EP, Loring SH, Moy ML, Mentzer SJ, **Swanson SJ**, Reilly JJ. Interpreting improvement in expiratory flows after lung volume reduction surgery in terms flow limitation theory. *Am J Respir Crit Care Med.* 2001 Apr;163(5):1074-80. PMID: 11316638.
36. West CA, Chufa H, Mei S, **Swanson SJ**, Mentzer SJ. Aldehyde fixation of Thiol-reactive fluorescent cytoplasmic probes for tracking cell migration. *J Histochem Cytochem.* 2001 Apr; 49(4); 511-8. PMID: 11259454
37. Ingenito EP, Loring SH, Moy ML, Mentzer SJ, **Swanson SJ**, Hunsaker A, McKee C, Reilly. Comparison of physiological and radiological screening for lung volume reduction surgery (LVRS). *Am J Respir Crit Care Med.* 2001 Apr; 63(5):1068-73. PMID: 11316637.
38. Burstein HJ, **Swanson SJ**, Christian RL, McMenamin ME. Unusual aspects of breast cancer: case 2. Synchronous bilateral lung and breast cancers. *J Clin Oncol.* 2001 May 1; 19(9);2571-3. PMID: 11331338.
39. Zhao T, He C, Su M, West CA, **Swanson SJ**, Young AJ, Mentzer SJ. Cell adhesion molecule expression in the sheep thymus. *Dev Comp Immunol.* 2001 Jun-Jul;25(5-6):519-30. PMID: 11356231.

40. Ingenito EP, Reilly JJ, Mentzer SJ, **Swanson SJ**, Vin R, Keuhn H, Berger RL, Hoffman A. Bronchoscopic volume reduction: a safe and effective alternative to surgical therapy for emphysema. *Am J Respir Crit Care Med*. 2001 Jul 15;164(2):295-301. PMID: 11463604
41. Su M, Young AJ, He C, West CA, **Swanson SJ**, Mentzer SJ. Biphasic response of the regional lymphatics in the normal lymphocyte transfer reaction. *Transplantation*. 2001 Aug 15;72(3):516-22. PMID: 11502985.
42. Bueno R, **Swanson SJ**, Jaklitsch MT, Lukanich JM, Mentzer SJ, Sugarbaker DJ. Combined antegrade and retrograde dilatation: a new endoscopic technique in the management of complex esophageal obstruction. *Gastrointest Endosc*. 2001 Sept;54(3):368-72. PMID: 11522984.
43. **Swanson SJ**, Batirel HF, Bueno R, Jaklitsch MT, Lukanich JM, Allred E, Mentzer SJ, Sugarbaker DJ. Transthoracic esophagectomy with radical mediastinal and abdominal lymph node dissection and cervical esophagogastrotomy for esophageal carcinoma. *Ann Thorac Surg*. 2001 Dec;72(6):1918-25; discussion 1924-5. PMID: 11789772.
44. West CA, He C, Young AJ, Su M, Zhao T, **Swanson SJ**, Mentzer SJ. Spatial variation of Plasma flow in the oxazolone-stimulated microcirculation. *Inflamm Res*. 2002 Dec; 51 (12):572-8. PMID: 12558190.
45. Ingenito EP, Loring SH, Moy ML, Mentzer SJ, **Swanson SJ**, Reilly JJ. Physiological characterization of variability in response to lung volume reduction surgery. *J Appl Physiol*. 2003 Jan;94(1):20-30. Epub 2002 Sep 20. PMID: 12391064.
46. Bhattacharyya N, Batirel H, **Swanson SJ**. Improved outcome with early vocal fold medialization for vocal fold paralysis after thoracic surgery. *Auris Nasus Larynx*. 2003 Feb;30(1):71-5. PMID: 12589854.
47. Salgia R, Lynch T, Skarin A, Lucca J, Lynch C, Jung K, Hodi FS, Jaklitsch M, Mentzer S, **Swanson SJ**, Lukanich J, Bueno R, Wain J, Mathisen D, Wright C, Fidas P, Donahue D, Clift S, Hardy S, Neuberger D, Mulligan R, Webb I, Sugarbaker D, Mihm M, Dranoff G. Vaccination with irradiated autologous tumor cells engineered to secrete Granulocyte-macrophage colony-stimulating factor augments antitumor immunity in some patients with metastatic non-small-cell lung carcinoma. *J Clin Oncol*. 2003 Feb 15;21(4): 586-7. PMID: 12586798.
48. Moore KA, Mery CM, Jaklitsch MT, Estocin AP, Bueno R, **Swanson SJ**, Mentzer SJ, Sugarbaker DJ, Lukanich JM. Menopausal effects on presentation, treatment, and survival of women with non-small cell lung cancer. *Ann Thorac Surg*. 2003 Dec;76(6):1789-95. PMID: 14667585.

49. Sugarbaker DJ, Jaklitsch MT, Bueno R, Richards W, Lukanich J, Mentzer SJ, Colson Y, Linden P, Chang M, Capalbo L, Oldread E, Neragi-Miandoab S, **Swanson SJ**, Zellos, LS. Prevention, early detection, and management of complications after 328 consecutive extrapleural pneumonectomies. *J Thorac Cardiovasc Surg.* 2004 Jul;128(1):138-46. PMID: 15224033.
50. Demmy TL, James TA, **Swanson SJ**, McKenna RJ Jr, D'Amico TA. Troubleshooting video-assisted thoracic surgery lobectomy. *Ann Thorac Surg.* 2005 May;79(5):1744-52. discussion 1753. PMID: 15854969.
51. Batirel HF, Batirel S, Mitchell RN, **Swanson SJ**. Interferon-gamma knockout fails to confer protection against obliteration in heterotopic murine tracheal allografts. *J Heart Lung Transplant.* 2005 Jun;24(6):658-64. PMID: 15949724.
52. Nicastrì DG, Wu M, Yun J, **Swanson SJ**. Evaluation of efficacy of an ultrasonic scalpel for pulmonary vascular ligation in an animal model. *J Thorac Cardiovasc Surg.* 2007 July;134(1):160-4. PMID: 17599502.
53. **Swanson SJ**, Herndon J, D'Amico A, Demmy T, McKenna R, Green M, Sugarbaker DJ. Video-assisted thoracic surgery lobectomy: report of CALGB 39802- a prospective, multi-institution feasibility study. *J Clin Oncol.* 2007 Nov 1;25(31):4993-7. PMID: 17971599.
54. Feber A, Xi L, Luketich JD, Pennathur A, Landreneau RJ, Wu M, **Swanson SJ**, Godfrey TE, Litle VR. MicroRNA expression profiles of esophageal cancer. *J Thorac Cardiovasc Surg.* 2008 Feb; 135(2):255-60: discussion 260. Epub 2007 Dec 26. PMID: 18242245.
55. Greenstein AJ, Litle VR, **Swanson SJ**, Divino C, Packer S, Wisnivesky J. Prognostic significance of the number of lymph node metastases in esophageal cancer. *J Am Coll Surg.* 2008 Feb;206(2):239-46. Epub 2007 Nov 12. PMID: 18222375.
56. Greenstein AJ, Litle VR, **Swanson SJ**, Divino CM, Packer S, McGinn TG, Wisnivesky JP. Racial disparities in esophageal cancer treatment and outcomes. *Ann Surg Oncol.* 2008 Mar;15(3):881-8. Epub 2007 Nov. PMID: 17987341.
57. Greenstein AJ, Litle VR, **Swanson SJ**, Divino CM, Packer S, Wisnivesky J. Effect of the number of lymph nodes sampled on postoperative survival of node-negative esophageal cancer. *Cancer.* 2008 Mar 15;112(6):1239-46. PMID: 18224663.
58. Nicastrì DG, Wisnivesky JP, Litle VR, Yun J, Chin C, Dembitzer FR, **Swanson SJ**.

Thoracoscopic lobectomy: report on safety, discharge independence, pain, and chemotherapy tolerance. *J Thorac Cardiovasc Surg.* 2008 Mar;135(3):642-7. PMID: 18329487.

59. Liptay MJ, D'Amico TA, Nwogu C, **Swanson SJ**, Litle VR, Demmy TL, Gu L, Wang XF, Kohman LJ. Thoracic Surgery Subcommittee of the Cancer and Leukemia Group B. Intraoperative sentinel node mapping with technitium-99 in lung cancer: results of CALGB 140203 multicenter phase II trial. *J Thorac Onc.* 2009 Feb; 4 (2):198-202. PMID: 19179896.

60. Kates M, Perez X, Gribetz J, **Swanson SJ**, McGinn T, Wisnivesky JP. Validation of a model to predict perioperative mortality from lung cancer resection in the elderly. *Am J Respir Crit Care Med.* 2009 Mar 1;179 (5):390-5. Epub 2008 Nov 21. PMID: 19029001.

61. Shapiro M, Weiser TS, Wisnivesky JP, Chin C, Arustamyan M, **Swanson SJ**. Thoracoscopic segmentectomy compares favorably with thoracoscopic lobectomy for patients with small stage I lung cancer. *J Thorac Cardiovasc Surg.* 2009 Jun;137(6):1388-93. Epub 2009 Apr 11. PMID: 19464454.

62. Wisnivesky JP, Henschke CI, **Swanson SJ**, Yankelevitz DF, Zulueta J, Marcus S, Halm EA. Limited resection for the treatment of patients with stage IA lung cancer. *Ann Surg.* 2010 Mar;251(3); 550-4. PMID: 20160639.

63. Shapiro M, **Swanson SJ**, Wright CD, Chin CS, Sheng S, Wisnivesky JP, Weiser TS. Predictors of major morbidity and mortality after pneumonectomy utilizing the Society of Thoracic Surgery Database. *Ann Thorac Surg.* 2010 Sep;90(3): 927-34; discussion 934-5. PMID: 20732520.

64. Bunnell CA, Weingart SN, **Swanson SJ**, Mamon HJ, Shulman LN. Models of multidisciplinary cancer care: physician and patient perceptions in a comprehensive cancer center. *J Oncol Pract.* 2010 Nov;6(6):283-88. PMID: 21358956.

65. **Swanson SJ**. Robotic pulmonary lobectomy- The future and probably should remain so. *J Thorac Cardiovasc Surg.* 2010; Nov;140(5):954. PMID: 20951245.

66. Kates M, **Swanson SJ**, Wisnivesky J. Survival Following Lobectomy and Limited Resection for the Treatment of Stage I Non-Small Cell Lung Cancer  $\leq$  1cm in Size: A Review of SEER Data. *Chest.* 2011 Mar;139(3):491-6. Epub 2010 Jun 24. PMID: 20576736.

67. Wolf AS, Richards WG, Jaklitsch MT, Gill R, Chirieac LR, Colson YL, Mohiuddin K, Mentzer SJ, Bueno R, Sugarbaker DJ, **Swanson SJ**. Lobectomy versus sublobar resection for

small (2 cm or less) non-small cell lung cancer. *Ann Thorac Surg*. 2011 Nov; 92(5):1819-25; discussion 1824-5. Epub 2011 Oct 31. PMID: 22051277.

68. Field JK, Smith RA, Aberle DR, Oudkerk M, Baldwin DR, Yankelevitz D, Pedersen JH, **Swanson SJ**, Travis W, Wisbuba II, Noguchi M, Mulshine JL. International Association for the Study of Lung Cancer Computed Tomography Screening Workshop 2011 Report. *J Thoracic Oncology*. 2012 Jan;7(1):10-9. PMID: 22173661.

69. Howington JA, Gunnarsson CL, Maddaus MA, Meyers BF, Miller D, Moore M, Rizzo JA, **Swanson SJ**. In-hospital clinical and economic consequences of pulmonary wedge resections for cancer using video-assisted thoracoscopic techniques vs traditional open resections: a retrospective database analysis. *Chest*. 2012 Feb;141(2):429-35. Epub 2011 Jul 21. PMID: 21778260.

70. **Swanson SJ**, Meyers BF, Gunnarsson CL, Moore M, Howington JA, Maddaus MA, McKeena RJ, Miller DL. Video-assisted thoracoscopic lobectomy is less costly and morbid than open lobectomy: a retrospective multi-institutional database analysis. *Ann Thorac Surg*. 2012 Apr;93:1027-32. Epub 2011 Nov 30. PMID: 22130269.

71. Shapiro M, Mhango G, Kates M, Weiser TS, Chin C, **Swanson SJ**, Wisnivesky JP. Extent of lymph node resection does not increase perioperative morbidity and mortality after surgery for stage I lung cancer in the elderly. *Eur J of Surg Oncol*. 2012 Jun;38(6):516-22. Epub 2012 Jan 14. PMID: 22244908.

72. Swanson EW, **Swanson SJ**, Swanson RS. Endoscopic pyloric balloon dilatation obviates the need for pyloroplasty at esophagectomy. *Surg Endosc*. 2012 Jul;26(7):2023-8. Epub 2012 Mar 8. PMID: 22398960.

73. David G, Gunnarsson C, Moore M, Howington J, Miller DL, Maddaus MA, McKenna RJ, Meyers BF, **Swanson SJ**. Surgeon's volume-outcome relationship for lobectomies and wedge resections for cancer using video-assisted thoracoscopic techniques. *Minim Invasive Surg*. 2012;2012:760292. Epub 2012 Nov. PMID: 23213500

74. Smith CB, **Swanson SJ**, Mhango G, Wisnivesky JP. Survival after segmentectomy and wedge resection in stage I non-small-cell lung cancer. *J Thorac Oncol*. 2013 Jan;8(1):73-8. PMID: 23164939.

75. Shapiro M, Akiri G, Chin C, Wisnivesky JP, Beasley MB, Weiser TS, **Swanson SJ**, Aaronson SA. Wnt pathway activation predicts increased risk of tumor recurrence in patients

with stage I nonsmall cell lung cancer. *Ann Surg*. 2013 Mar;257(3):548-54. Epub 2012 Sept. PMID: 23011390.

76. Oxman DA, Issa NC, Marty FM, Patel A, Panizales CZ, Johnson NN, Licona JH, McKenna SS, Frenzl G, Mentzer SJ, Jaklitsch MT, Bueno R, Colson Y, **Swanson SJ**, Sugarbaker DJ, Baden LR. Postoperative antibacterial prophylaxis for the prevention of infectious complications associated with tube thoracostomy in patients undergoing elective general thoracic surgery. *JAMA Surg*. 2013 May;148(5):440-6. PMID: 23325435.

77. Jaklitsch MT, Gu L, Demmy T, Harpole DH, D'Amico TA, McKenna RJ, Krasna MJ, Kohman LJ, **Swanson SJ**, Decamp MM, Wang X, Barry S, Sugarbaker DJ; CALGB Thoracic Surgeons. Prospective phase II trial of preresection thoracoscopic mediastinal restaging after neoadjuvant therapy for IIIA (N2) non-small cell lung cancer: results of CALGB protocol 39803. *J Thorac Cardiovasc Surg*. 2013 Jul;146(1):9-16. PMID: 23768804.

78. Lacin T, **Swanson SJ**. Current costs of video-assisted thoracic surgery (VATS) lobectomy. *J Thorac Dis*. 2013 Aug; (Suppl3): S190-3. PMID: 24040522.

79. Villamizar N, **Swanson SJ**. Lobectomy vs. Segmentectomy for NSCLC (T<2 cm). *Ann Cardiothorac Surg*. 2014 Mar;3(2):160-6. PMID: 24790839.

80. **Swanson SJ**, Miller DL, McKenna RJ Jr, Howington J, Marshall MB, Yoo AC, Moore M, Gunnarsson CL, Meyers BF. Comparing robot-assisted thoracic surgical lobectomy with conventional video-assisted thoracic surgical lobectomy and wedge resection: results from multihospital database (Premier). *J Thorac Cardiovasc Surg*. 2014 Mar;147(3):929-37. Epub 2013 Nov. PMID: 24210834.

81. Mohiuddin K, Haneuse S, Sofer T, Gill R, Jaklitsch MT, Colson YL, Wee J, Bueno R, Mentzer SJ, Sugarbaker DJ, **Swanson SJ**. Relationship between margin distance and local recurrence in patients undergoing wedge resection for small lung cancer. *J Thorac Cardiovasc Surg*. 2014 Apr;147(4):1169-75; discussion 1175-7. Epub 2014 Jan 2. PMID: 24507406.

82. Yan TD, Cao C, D'Amico TA, Demmy TL, He J, Hansen H, **Swanson SJ**, Walker WS; International VATS Lobectomy Consensus Group. Video-assisted thoracoscopic surgery at 20 years: a consensus statement. *Eur J Cardiothorac Surg*. 2014 Apr;45(4):633-9. Epub 2013 Oct 14. PMID: 24130372.

83. Gray PJ, Mak RH, Yeap BY, Cryer SK, Pinnell NE, Christianson LW, Sher DJ, Arvold ND, Baldini EH, Chen AB, Kozono DE, **Swanson SJ**, Jackman DM, Alexander BM. Aggressive therapy for patients with non-small cell lung carcinoma and synchronous brain-only

oliometastatic disease is associated with long-term survival. *Lung Cancer*. 2014 Aug; 85(2):239-44. Epub 2014 Jun 6. PMID: 24974152.

84. Wagle N, Grabiner BC, Van Allen EM, Amin-Mansour A, Taylor-Weiner A, Rosenberg M, Gray N, Barletta JA, Guo Y, **Swanson SJ**, Ruan DT, Hanna GJ, Haddad GJ, Getz G, Kwiatkowski DJ, Carter SL, Sabatini DM, Janne PA, Garraway LA, Lorch JH. Response and acquired resistance to everolimus in anaplastic thyroid cancer. *N Engl J Med*. 2014 Oct; 9;371(15):1426-33. PMID: 25295501.

85. Nwogu CE, D’Cunha J, Pang H, Gu L, Wang X, Richards WG, Veit LJ, Demmy TL, Sugarbaker DJ, Kohman LJ, **Swanson SJ**, Alliance for Clinical Trials in Oncology. VATS Lobectomy Has Better Peri-operative Outcomes than open Lobectomy: CALGB 31001, an Ancillary Analysis of CALGB 14020 (Alliance). *Ann Thorac Surg*. 2015 Feb; 99(2):399-405. Epub 2014 Dec 10. PMID: 25499481.

86. Luketich J, Pennathur A, Franchetti Y, Catalano P, **Swanson S**, Sugarbaker D, Hoyos A, Maddaus M, Nguyen N, Benson A, Fernando H. Minimally Invasive Esophagectomy: Results of a Prospective Phase II Multicenter Trial- the Eastern Cooperative Oncology Group (E2202) study. *Ann Surg* 2015 Apr;261(4):702-7. Epub 2015 Jan. PMID: 25575253.

87. Cao C, D’Amico T, Demmy T, Dunning J, Gossot D, Hansen H, He J, Jheon S, Petersen RH, Sihoe A, **Swanson S**, Walker W, Yan TF; International VATS Interest Group. Surgery versus SABR for resectable non-small-cell lung cancer. *Lancet Oncol*. 2015 Aug; 16(8):e370-1. PMID: 26248836.

88. Spector R, Zheng Y, Yeap BY, Wee JO, Lebenthal A, **Swanson SJ**, Marchosky DE, Enzinger PC, Mamon HJ, Lerut A, Odze R, Srivastava A, Agoston AT, Tippayawang M, Bueno R; Brigham Esophageal Study Team (BEST). The 3-Hole Minimally Invasive Esophagectomy: A Safe Procedure Following Neoadjuvant Chemotherapy and Radiation. *Semin Thorac Cardiovasc Surg*. 2015 Summer;27(2):205-15. Epub 2015 Jun 20. PMID: 26686448.

89. Veluswamy R, Ezer N, Mhango G, Goodman E, Bonomi M, Neugut A, **Swanson SJ**, Powell C, Beasley M, Wisnivesky J. Limited Resection vs. Lobectomy for Older Patients with Early Stage Lung Cancer: Impact of Histology. *J Clin Oncol*. 2015 Oct 20;33(30):3447-53. Epub 2015 Aug 3. PMID: 26240229.

90. Mody GN, Bravo Iniguez C, Armstrong K, Perez Martinez M, Ferrone M, Bono C, Chi JH, Wee JO, Lebenthal A, **Swanson SJ**, Colson YL, Bueno R, Jaklitsch MT. Early Surgical Outcomes of En Bloc Resection Requiring Vertebrectomy for Malignancy Invading the Thoracic

Spine. *Ann Thorac Surg*. 2016 Jan;101(1):231-6; discussion 236-7. Epub 2015 Aug 13. PMID: 26277561.

91. White A, **Swanson SJ**. Video- Assisted Thoracic Surgery (VATS) segmentectomy: state of the art. *Minerva Chir*. 2016 Feb;71(1):61-6. Epub 2015 Nov 6. PMID: 26544908.

92. Cao C, D'Amico T, Demmy T, Dunning J, Gossot D, Hansen H, He, J, Jheon S, Petersen R, Sihoe A, **Swanson SJ**, Walker W, Yan T. Less is more: a shift in the surgical approach to non-small-cell lung cancer. *Lancet Respir Med*. 2016 Mar;4(3):e11-12. Epub 2016 Mar 2. PMID: 26973162.

93. White A, Kucukak S, Lee DN, **Swanson SJ**. Energy-Based Ligation of Pulmonary Vessels: A Six- Year Experience With Ultrasonic Shears in Video-Assisted Thoracoscopic Lobectomy and Segmentectomy. *Ann Thorac Surg*. 2016 Apr;101(4):133-7. Epub 2016 Jan 13. PMID: 26794898.

94. Mody GN, Janko M, Vasudeva V, Chi JH, Davidson MJ, **Swanson S**. Thoracic endovascular aortic stent graft to facilitate aortic resection during pneumonectomy and vertebrectomy for locally invasive lung cancer. *Ann Thorac Surg*. 2016 Apr;101(4):1587-89. PMID: 27000584.

95. Agrawal V, Coroller TP, Hou Y, Lee SW, Romano JL, Baldini EH, Chen AB, Jackman DM, Kozono D, **Swanson SJ**, Wee JO, Aerts HJ, Mak RH. Radiologic-pathologic correlation of response to chemoradiation in resectable locally advanced NSCLC. *Lung Cancer*. 2016 Dec; 102:1-8. Epub 2016 Oct 14. PMID 27987576.

96. Agrawal V, Coroller TP, Hou Y, Lee SW, Romano JL, Baldini EH, Chen AB, Kozono D, **Swanson SJ**, Wee JO, Aerts HJWL, Mak RH. Lymph node volume predicts survival but not nodal clearance in Stage IIIA-IIIB NSCLC. *PLoS One*. 2017 Apr 20;12(4):e0174268. PMID: 28426673.

97. Landreneau RJ, D'Amico TA, Schuchert MJ, **Swanson SJ**. Segmentectomy and Lung Cancer: Why, When, How, and How Good? *Semin Thorac Cardiovasc Surg*. 2017 Spring;29(1):119-128. Epub 2017 Apr 6. PMID: 28683989.

98. Wolf AS, **Swanson SJ**, Yip R, Liu B, Tarras ES, Yankelevitz DF, Henschke CI, Taioli E, Flores RM. The Impact of Margin on Outcomes after Wedge Resection for Stage I Non-small Cell Lung Cancer. *Ann Thorac Surg*. 2017 Oct;104(4):1171-1178. Epub 2017 Jun 29. PMID: 28669499

99. White A, Kucukak S, Bueno R, Servais E, Lee DN, Colson Y, Jaklitsch M, McNamee C, Mentzer S, Wee J, **Swanson SJ**. Pneumonectomy is safe and effective for non-small cell lung cancer following induction therapy. *J Thorac Dis*. 2017 Nov;9(11):4447-4453. PMID: 29268514

100. Ezer N, Kale M, Sigel K, Lakha S, Mhango G, Goodman E, Nicastrì D, **Swanson S**, Neugut A, Wisnivesky JP. Outcomes after Video-assisted Thoracoscopic Lobectomy versus Open Lobectomy for Early- Stage Lung Cancer in Older Adults. *Ann Am Thorac Soc*. 2018 Jan;15(1):76-82. PMID 29121474
101. Hirji SA, **Swanson SJ**. T1a lung carcinoma: the place of segmentectomy in the treatment array. *J Thorac Dis*. 2018 Apr;10(Suppl 10):S1151-S1156. PMID: 29785288
102. Burt BM, Richards WG, Lee HS, Bartel S, Dasilva MC, Gill RR, Jaklitsch MT, Johnson BE, **Swanson SJ**, Bueno R, Sugarbaker DJ. A Phase I Trial of Surgical Resection and Intraoperative Hyperthermic Cisplatin and Gemcitabine for Pleural Mesothelioma. *J Thorac Oncol*. 2018 May 9. pii: S1556-0864(18)30594-X. PMID: 29753120
103. Sequist LV, Willers HA, Lanuti M, Muzikansky A, Chen A, Janne PA, Choi N, Mino-Kenudson M, **Swanson S**, Wright CD, Marcoux P, Piotrowska Z, Oxnard GR, Mak R. High response rate in a phase II trial of neoadjuvant afatinib, chemoradiation and surgery for stage III EGFR mutation-positive NSCLC. *J Clin Oncol*. 2018 36:15\_suppl, 8544. DOI: 10.1200/JCO.2018.36.15\_suppl.8544
104. Yang H, Liu H, Chen Y, Zhu C, Fang W, Yu Z, Mao W, Xiang J, Han Y, Chen Z, Yang H, Wang J, Pang Q, Zheng X, Yang H, Li T, Lordick F, D'Journo B, Cerfolio RJ, Korst RJ, Novoa NM, **Swanson SJ**, Brunelli A, Ismail M, Fernando HC, Zhang X, Li Q, Wang G, Chen B, Mao T, Kong M, Guo X, Lin T, Liu M, Fu J, AME Thoracic Surgery Collaborative Group. Neoadjuvant Chemoradiotherapy Followed by Surgery Versus Surgery Alone for Locally Advanced Squamous Cell Carcinoma of the Esophagus (NEOCRTEC5010): A Phase III Multicenter, Randomized, Open-Label Clinical Trial. *J Clin Oncol*. 2018 Sep 20;36(27):2796-2803. Epub 2018 Aug 8. PMID: 30089078
105. White A, Kucukak S, Lee DN, Mazzola E, Zhang Y, **Swanson SJ**. Ivor Lewis minimally invasive esophagectomy for esophageal cancer: An excellent operation that improves with experience. *J Thorac Cardiovasc Surg*. 2019 Feb;157(2):783-789. Epub 2018 Oct 22. PMID: 30459111
106. Hirji SA, Shah RM, Fields A, Orhurhu V, Bhulani N, White A, Mody GN, **Swanson SJ**. The Impact of Hospital Size on National Trends and Outcomes Following Open Esophagectomy. *Medicina* 2019 Oct 3;55(10). Pii: E669 PMID: 31623325
107. White A, Kucukak, Lee DN, Bueno R, Jaklitsch M, Mentzer S, Sugarbaker DJ, Wee J, **Swanson SJ**. Completion pneumonectomy is safe and effective in select patients with recurrent non-small cell lung cancer. *J Thorac Dis* 2020 Mar;12(3):217-22. PMID: 32274087
108. De Leon LE, Patil N, Hartigan PM, White A, Bravo-Iniguez CE, Fox S, Tarascio J, **Swanson SJ**, Bueno R, Jaklitsch MT. Risk of urinary recatheterization for thoracic surgical patients with epidural anesthesia. *J Surg Res (Houst)*. 2020;3(3):163-71. Doi: 10.26502/jsr.10020068. Epub 2020 Jun 22. PMID: 32776012.

109. de Geus SW, Hirji S, Hachey KJ, Sachs TE, Suzuki K, Ng SC, **Swanson S**, Litle VR, D'Amico T, Tseng JF. Lymphadenectomy and Survival After Neoadjuvant Chemoradiation for Esophageal Adenocarcinoma: Is More Better? *J Gastrointest Surg*. 2020 Sept 1. PMID: 32875442 doi: 10.1007/s11605-020-04750-z.
110. Rodriguez M, Dezube AR, Bravo-Iniguez CE, Fox S, De Leon LE, Tarascio J, Freyaldenhoven S, Mentzer SJ, **Swanson SJ**, Bueno R, Rochefort MM, Marshall MB, Jaklitsch MT. Impact of Neoadjuvant Chemoradiation on Adverse Events Following Bronchial Sleeve Resection. *Ann Thorac Surg*. 2020 Nov 7; doi: 10.1016/j.athoracsur.2020.10.020. [Epub ahead of print] PMID: 33171174
111. Alden SL, **Swanson SJ**, Nishink M, Sholl LM, Awad MM. BRAF-mutant pulmonary Langerhans cell histiocytosis mimicking recurrence of early-stage KRAS-mutant lung adenocarcinoma. *JTO Clinical and Research Reports* (2021). doi: <https://doi.org/10.1016/j.jtocrr.2020.100127>. Accepted for Publication November 24, 2020
112. Dolan DP, White A, Mazzola E, Lee DN, Gill R, Kucukak S, Bueno R, Jaklitsch MT, Mentzer SJ, **Swanson SJ**. Outcomes of Superior Segmentectomy vs Lower Lobectomy for Superior Segment Stage I Non-Small Cell Lung Cancer are Equivalent; an analysis of 196 patients at a single, high volume institution. *J Surg Oncol*. 2020 Dec 1. doi: 10.1002/jso.26304. PMID: 33259656
113. Lapidot M, Mazzola E, Freyaldenhoven S, Gill R, Jaklitsch MT, **Swanson SJ**, Bueno R. Pleurectomy Decortication in the Treatment of Malignant Pleural Mesothelioma: Encouraging Results and Novel Prognostic Implications based on Experience in 355 Consecutive Patients. *Ann Surg*. 2020 Dec 3; doi: 10.1097/SLA.0000000000004306. [Epub ahead of print. PMID: 33278174
114. Lapidot M, Gill RR, Mazzola E, Freyaldenhoven S, **Swanson SJ**, Jaklitsch MT, Sugarbaker DJ, Bueno R. Pleurectomy Decortication in the Treatment of Malignant Pleural Mesothelioma. *Annals of Surgery*. Dec. 3, 2020 Epub ahead of print. Doi: 10.1097/SLA.0000000000004306
115. Kandilis A, Bravo Iniguez C, Khalil H, Mazzola E, Jaklitsch MT, **Swanson SJ**, Bueno R, Wee JO. Residual Lymph Node Disease and Mortality Following Neoadjuvant Chemoradiation and Curative Esophagectomy for Distal Esophageal Adenocarcinoma. *JTCVS Open* (2021). doi: <https://doi.org/10.1016/j.xjon.2020.12.001>. Accepted for Publication December 8, 2020
116. Lee DN, Mazzola E, Bhagat R, Kucukak S, Bravo-Iniguez CE, Bueno R, Patil DT, Mamon HJ, Jaklitsch MT, Wee JO, **Swanson SJ**, White A. Esophageal cancer with signet-ring cell features is associated with poor prognosis in the modern treatment era: factors influencing overall and disease-free survival. *Ann Esophagus* 2020 Dec 25; 3(32) doi: 10.21037/aoe-20-55
117. White A, Kucukak S, Lee DN, Mazzola E, Dolan DP, Bueno R, Jaklitsch MT, **Swanson SJ**. Chemotherapy and surgical resection for N1 positive non-small cell lung cancer: Better than expected outcomes. Accepted for Publication January 6, 2021 to *Seminars in Thoracic and Cardiovascular Surgery*.

118. White AA, Lee DN, Mazzola E, Kucukak S, Polhemus E, Jaklitsch MT, Mentzer SJ, Wee JO, Bueno R, **Swanson SJ**. Adjuvant therapy following induction therapy and surgery improves survival in N2- positive non-small cell lung cancer. *J Surg Oncol*. 2021 Feb;123(2):579-586. doi: 10.1002/jso.26305. Epub 2020 Dec 1. PMID: 33259637

119. White A, Kucukak S, Lee DN, Mazzola E, Dolan D, Bueno R, Jaklitsch MT, **Swanson SJ**. Chemotherapy and Surgical Resection for N1 Positive Non-small Cell Lung Cancer: Better Than Expected Outcomes. *Semin Thorac Cardiovasc Surg*. 2021 Feb 16; doi: 10.1053/j.semtcvs.2021.01.012. [Epub ahead of print] PMID: 33600992

120. Bravo-Iniguez CE, He Z, Dezube AR, Mazzola E, Yelamanchili N, Zhao L, Bueno R, **Swanson SJ**, White A, Wiener DC, Jaklitsch MT, Wee JO. Impact of radial margins after esophagectomy for esophageal cancer. *Eur J Surg Oncol*. 2021 Mar 2; doi: 10.1016/j.ejso.2021.02.014. [Epub ahead of print] PMID: 33714649.

#### **Other-peer reviewed scholarship**

1. Sugarbaker DJ, Norberto JJ, **Swanson SJ**. Extrapleural pneumonectomy in the setting of multimodality therapy for diffuse malignant pleural mesothelioma. *Semin Thorac Cardiovasc Surg*. 1997 Oct; 9(4):373-82. PMID: 9352955.

2. Sugarbaker DJ, Norberto JJ, **Swanson SJ**. Surgical staging and work-up of patients with diffuse malignant pleural mesothelioma. *Semin Thorac Cardiovasc Surg*. 1997 Oct;9(4):356-60. PMID: 9352952.

3. DeCamp MM, **Swanson SJ**, Jaklitsch MT. Esophagectomy after induction chemoradiation. *Chest*. 1999 Dec;116(6 Suppl):466S-9. PMID: 10619510.

4. **Swanson SJ**, Sugarbaker DJ. The three-hole esophagectomy: the Brigham and Women's Hospital approach (modified McKeown Technique). *Chest Surg Clin N Am*. 2000 Aug;10(3):531-552. PMID: 10967755.

5. **Swanson SJ**, Batirel HF. Video-assisted thoracic surgery (VATS) resection for lung cancer. *Surg Clin North Am*. 2002 Jun;82(3):541-59. PMID: 12371584.

6. **Swanson SJ**. Surgical management of resectable esophageal and esophagogastric junction cancers. In: UpToDate, Rose BD(ed), UpToDate, Waltham, MA. 2003. Updated annually.

7. Strauss, G., Janne, P., **Swanson, SJ**. Management of stage I non-small cell lung cancer. In: UpToDate, Rose BD(ed), UpToDate, Waltham, MA. 2004.

8. Strauss G, Janne P, **Swanson SJ**, Management of Esophageal Cancer. In: UpToDate, Rose BD(ed), UpToDate, Waltham, MA. 2004.

9. **Swanson SJ**, Invited Commentary of Bodner J, Wykypiel H, Greiner A, Kirchmayr W, Freund MC, Margreiter R, Schmid T. Early experience with robot-assisted surgery for mediastinal masses. *Ann Thorac Surg.* 2004 Jul; 78(1):259-65. DOI: <https://doi.org/10.1016/j.athoracsur.2004.04.024>
10. **Swanson SJ**. Invited Commentary of Meneo TC, Guggino G, Mineo D, Vanni G, Ambrogi V. Relevance of Lymph Node Micrometastases in Radically Resected Endobronchial Carcinoid Tumors. *Ann Thorac Surg* 2005 Aug;80(2): 428-32. DOI: <https://doi.org/10.106/j.athoracsur.2005.05.072>
11. **Swanson SJ**, Invited Commentary of Mukhopadhyay NK, Weisberg F, Gilchrist D, Bueno R, Sugarbaker DJ, Jaklitsch M, et al., Effectiveness of Trichostatin A as a potential candidate for anticancer therapy in non-small cell lung cancer. *Ann of Thorac Surg.* 2006; 1034-42. DOI: <https://doi.org/10.1016/j.athoracsur.2005.08.026>
12. Cesaretti JA, Pennathur A, Rosenstein BS, **Swanson SJ**, Fernando HC. Stereotactic radiosurgery for thoracic malignancies. *Ann Thorac Surg.* 2008 Feb;85(2):S785-91. PMID: 1822218.
13. Shaw JP, Dembitzer FR, Wisnivesky JP, Litle VR, Weiser TS, Yun J, Chin C, **Swanson SJ**. Video-assisted thorascopic lobectomy: state of the art and future directions. *Ann Thorac Surg.* 2008 Feb;85(2):S705-9. PMID: 1822201.
14. Chin CS, **Swanson SJ**. Video-assisted thoracic surgery lobectomy: centers of excellence or excellence of centers? *Thorac Surg Clin.* 2008 Aug;18(3):263-8. PMID: 18831501.
15. **Swanson, SJ**. Video-assisted thoracic surgery segmentectomy: the future of surgery for lung cancer? *Ann Thorac Surg.* 2010 Jun;89(6):S2096-7. PMID: 20493988.
16. **Swanson, SJ**. Segmentectomy for lung cancer. *Semin Thorac Cardiovasc Surg.* 2010 Autumn;22(3):244-9. PMID: 21167459.
17. Marshall MB, **Swanson SJ**, Flores RM, Bauer TL. Solitary pulmonary nodules. *Semin Thorac Cardiovasc Surg.* 2014 Summer;26(2):157-71. Epub 2014 Jun 20. PMID: 25441006.
18. **Swanson SJ**. The value of video-assisted thorascopic surgery: follow the money! *Eur J Cardiothorac Surg* 2016 May;49(5)1496. Epub 2016 Mar 2. doi:10.1093/ejcts/ezv420
19. **Swanson SJ**. Commentary: The importance of being (an) earnest trialist. *J Thorac Cardiovasc Surg.* 2019 Jun 6. Pii: S0022-5223(19)31160-2. Doi: 10.1016/j.jtcvs.2019.05.057. [Epub ahead of print]. PMID: 31301906
20. **Swanson SJ**. Commentary: Is it time to go to the PROM? *Semin Thorac Cardiovasc Surg.* 2021 Feb 15;S1043-0679(21)00026-5. doi: 10.1053/j.semctvs.2020.12.019. [Epub ahead of print]. PMID:33600963

21. **Swanson SJ**. Commentary: Find, resect, and treat: The evolving early-stage small cell lung cancer story. *J Thorac Cardiovasc Surg*. 2021 Mar;161(3):774-775. doi: 10.1016/j.jtcvs.2020.11.033. Epub 2020 Nov 21. PMID: 33353743

### **Scholarship without named authorship**

1. Herpel LB, Kanner RE, Lee SM, Fessler HE, Scirba FC, Connett JE, Wise RA; National Emphysema Treatment Trial Research Group. *Am J Respir Crit Care Med*. 2006 May 15;173(10):1106-13. Epub 2006 Feb 23. PMID: 16497996

*(Clinical site Co-Principle Investigator, cited in the appendix as part of the NETT Research Group)*

2. Matsuoka S, Washko GR, Yamashiro T, Estepar RS, Diaz A, Silverman EK, Hoffman E, Fessler HE, Criner GJ, Marchetti N, Scharf SM, Martinez FJ, Reilly JJ, Hatabu H; National Emphysema Treatment Trial Research Group. Pulmonary hypertension and computed tomography measurement of small pulmonary vessels in severe emphysema. *Am J Respir Crit Care med*. 2010 Feb 1;181(3):218-25. Epub 2009 Oct 29. PMID: 19875683

*(Clinical site Co-Principle Investigator, cited in conclusion as a member of the NETT Research Group)*

3. Washko GR, Martinez FJ, Hoffman EA, Loring SH, Estepar RS, Diaz AA, Scirba FC, Silverman EK, Han MK, Decamp M, Reilly JJ; National Emphysema Treatment Trial Research Group. Physiological and Computed Tomographic Predictors of Outcome from Lung Volume Reduction Surgery. *Am J Respir Crit Care Med*. 2010 Mar 1;181(5):494-500. Epub 2009 Dec 3. PMID: 19965810

*(Clinical site Co-Principle Investigator, cited in the Acknowledgments)*

4. Chandra D, Lipson DA, Hoffman EA, Hansen-Flaschen J, Scirba FC, Decamp MM, Reilly JJ, Washko GR; National Emphysema Treatment Trial Research Group. Perfusion scintigraphy and patient selection for lung volume reduction surgery. *Am J Respir Crit Care Med*. 2010 Oct 1;182(7):937-45. PMID: 20538961

*(Clinical site Co-Principle Investigator, cited as a collaborator)*

### **Non-Peer Reviewed Scholarship in print or other media**

#### **Proceedings of meetings or other non-peer reviewed scholarship**

1. **Swanson SJ**. Esophageal cancer: a case for aggressive staging and a tailored treatment plan. *Chest* 1997;112(4 Suppl):182S-3. PMID: 9337284

2. DeCamp MM, Mentzer SJ, **Swanson SJ**, Sugarbaker DJ. Malignant effusive disease of the pleura and pericardium. *Chest* 1997;112(4 Suppl):291S-5. PMID: 9337306

3. Mentzer SJ, **Swanson SJ**, DeCamp MM, Bueno R, Sugarbaker DJ. Mediastinoscopy, thoracoscopy, and video-assisted thoracic surgery in the diagnosis and staging of lung cancer. *Chest* 1997;112(4 Suppl):239S-41. DOI: [https://doi.org/10.1378/chest.112.4\\_Supplement.2395](https://doi.org/10.1378/chest.112.4_Supplement.2395)
4. **Swanson SJ**, DeCamp MM Jr, Mentzer SJ, Bueno R, Sugarbaker DJ. Thoracoscopic resection of lung malignancy without port site recurrence: the Brigham and Women's Hospital experience. *Chest* 1997; 112(3):9S.
5. DeCamp MM, Bueno R, James L, **Swanson SJ**, Mentzer SJ, Sugarbaker DJ. Thoracoscopic excisional biopsy facilitates a 23-hour lung surgery program (23-LSP). *Am J Respir Crit Care Med* 1997;155(4):145A.
6. Bueno R, Mentzer SJ, Reilly JJ, DeCamp MM, **Swanson SJ**, Sugarbaker DJ. Leukocytosis after lung transplantation. *Am J Respir Crit Care Med* 1997;155(4):388A.
7. Ingenito EP, Hunsaker A, Pugatch R, Evans RB, Loring SH, Reilly JJ, Mentzer SJ, **Swanson SJ**, DeCamp MM, Sugarbaker DJ. CT Assessment of emphysema, lung physiology, and response to volume reduction surgery. *Am J Respir Crit Care Med* 1997;155(4); 794A.
8. Reilly JJ, Loring SH, Rodenhouse JD, Mentzer SJ, **Swanson SJ**, DeCamp MM, Ingenito EP. Lung volume reduction surgery for emphysema (LVRS) mechanisms of improvement in expiratory flows. *Am J Respir Crit Care Med* 1998; 157(3): 496A.
9. Ingenito EP, O'Donnell W, Cristiano LM, Taio M, Mentzer SJ, **Swanson SJ**, DeCamp MM, Bueno R, Reilly JJ. Total lymphoid irradiation (TLI) therapy for steroid refractory rejection post lung transplant. *Am J Respir Crit Care Med* 1998; 157(3): 760A.
10. Waltz DA, Lillehei CW, Reilly JJ, **Swanson SJ**, Ginns LC, Wain JC, O'Connor KJ, Delmonico FL. Prioritization of lung transplant recipients by hospitalization status, shortened waiting time without affecting post-transplant survival. *Transplantation* 1999;67(7):S30.
11. **Swanson SJ**, Grondin SC, MacBurney MM, DeCamp MM Jr, Bueno R, Mentzer SJ, Jaklitsch MT, Lukanich JM, Baldini EH, Sugarbaker DJ. Supportive enteral feeding during induction therapy (IT) for esophageal carcinoma. *Prog Proc Am Soc Clin Oncol* 1999;18:301A
12. Jaklitsch MT, Mery CM, Bueno R, Vasconcelles MJ, Richards WG, Mentzer SJ, DeCamp MM, **Swanson SJ**, Lukanich JM, Sugarbaker DJ. Lesser pulmonary resections are more common in elderly non-small cell lung cancer (NSCLC) patients but do not adversely affect survival. *Prog Proc Am Soc Clin Oncol* 1999;18:471A.
13. **Swanson SJ**, Jaklitsch MT, Mentzer SJ, Bueno R, Lukanich JM, Sugarbaker DJ. Management of the solitary pulmonary nodule: role of thoracoscopy in diagnosis and therapy. *Chest* 1999;116(Suppl\_3):523S-24. Doi:10.1378/chest.116.suppl\_3.523S

14. Grondin SC, Jaklitsch MT, **Swanson SJ**, Bueno R, Mentzer SJ, Lukanich JM, Richards WJ, Sugarbaker DJ. Extended surgical resection with multimodality therapy for advanced (stage III/IV) thymic malignancies provides 70% 3-year survival. *Chest*. Oct 1999; 116(4):354-55s.
15. Mentzer SJ, **Swanson SJ**. Treatment of patients with lung cancer and severe emphysema. *Chest*. 1999;116(Suppl\_3):477S-9. Doi:10.1378/chest.116.suppl\_3.477S
16. Jaklitsch MT, Bueno R, **Swanson SJ**, Mentzer SJ, Lukanich JM, Sugarbaker DJ. New surgical options for elderly lung cancer patients. *Chest*. 1999;116(Suppl\_3):480S-5. Doi:10.1378/chest.116.suppl\_3.480S
17. Salgia R, Lynch T, Skarin A, Lucca J, Lynch C, Jung K, Hodi FS, Jaklitsch M, Mentzer S, Swanson S, Lukanich J, Bueno R, Wain J, Mathisen D, Wright C, Fidas P, Donahue D, Clift S, Hardy S, Neuberger D, Mulligan R, Webb I, Sugarbaker D, Mihm M, Dranoff G. Vaccination with irradiated autologous tumor cells engineered to secrete granulocyte-macrophage colony-simulating factor augments antitumor immunity in some patients with metastatic non-small-cell lung carcinoma. *J Clin Oncol*. 2003 Feb 15;21(4):624-30.
18. Cesaretti J, Pennathur A, Rosenstein BS, **Swanson SJ**, Fernando HC. Stereotactic radiosurgery for thoracic malignancies. *Ann Thorac Surg*. 2008;85(2):S785-S791
19. Chin C, Litle VR, Weiser T, **Swanson SJ**. Airway Stents. *Ann Thorac Surg*. 2008;85(2):S792-6.
20. Weiser T, Hyman K, Yun J, Litle V, Chin C, **Swanson SJ**. Electromagnetic navigational bronchoscopy: a surgeon's perspective. *Ann Thorac Surg*. 2008;85(2):S797-S801.
21. Shapiro M, Weiser TS, **Swanson SJ**. Surgical management and outcomes after VATS segmentectomy in patients with lung cancer. *Chest*. 2008;134(4):75P. DOI: [https://doi.org/10.1378/chest.134.4\\_MeetingAbstracts.p75003](https://doi.org/10.1378/chest.134.4_MeetingAbstracts.p75003)
22. Smith CB, **Swanson S**, Mhango G, Wisnivesky J. Survival Following Segmentectomy And Wedge Resection For Stage I Non-Small Cell Lung Cancer. *Am J Respir Crit Care Med*. 2011;183:A5393. Doi: [https://doi.org/10.1164/ajrccm-conference.2011.183.1\\_MeetingAbstracts.A5393](https://doi.org/10.1164/ajrccm-conference.2011.183.1_MeetingAbstracts.A5393)
23. W. de Geus S, Hirji S, Suzuki K, Sachs T, Nh SC, **Swanson S**, Litle V, Teng JF. Lymphadenectomy and survival after neoadjuvant chemoradiation for esophageal cancer: is more better? *Gastroenterology*. 2019;156(6): S1423-4. Doi: [https://doi.org/10.1016/S0016-5085\(19\)40611-2](https://doi.org/10.1016/S0016-5085(19)40611-2)
24. **Swanson SJ**. Discussion. *J Thorac Cardiovasc Surg*. 2019 Oct 31. Pii: S0022-5223(19)32095-1 [Epub ahead of print]. PMID: 31679702

## **Reviews, chapters, monographs, and editorials**

1. DeCamp MM Jr, Mentzer SJ, **Swanson SJ**, Sugarbaker DJ. Malignant effusive disease of the pleura and pericardium. *Chest*. 1997 Oct;112(4 Suppl):291S-295S. PMID: 9337306.
2. Mentzer SJ, **Swanson SJ**, DeCamp MM, Bueno R, Sugarbaker DJ. Mediastinoscopy, thoracoscopy, and video-assisted thoracic surgery in the diagnosis and staging of lung cancer. *Chest*. 1997 Oct;112(4 Suppl):239S-241S. PMID: 9337296.
3. Mason DP, **Swanson SJ**. VATS the future. In: DiFalco G, editor: *Atlas of Videothoroscopic Surgery (Atlante Chirurgico Di Videotorascopia)*. Milano, Italy: Masson S.p.A.1999, p 205-11.
4. **Swanson SJ**, Grondin SC, Sugarbaker DJ. Total esophagectomy: the Brigham and Women's Hospital approach. *Operat Tech Thorac Cardiovasc Surg*. 1999 Aug; 4(3):197-209. Doi: [http://dx.doi.org/10.1016/S1522-2942\(07\)70117-4](http://dx.doi.org/10.1016/S1522-2942(07)70117-4)
5. DeCamp MM, **Swanson SJ**, Jaklitsch MT. Esophagectomy after induction chemoradiation. *Chest* 1999;116(6 Suppl):466S-9. PMID: 10619510
6. **Swanson SJ**, Sugarbaker DJ. The three-hole esophagectomy: the Brigham and Women's Hospital approach (modified McKeown Technique). *Chest Surg Clin N Am* 2000; 10(3):531-552. PMID: 10967755
7. Janne PA, Rodriguez-Thompson D, Metcalf DR, **Swanson SJ**, Greisman HA, Wilkins-Haug L, Johnson BE. Chemotherapy for a patient with advanced non-small-cell lung cancer during pregnancy: a case report and a review of chemotherapy treatment during pregnancy. *Oncology*. 2001;61(3):175-83. PMID: 11574771.
8. **Swanson SJ**. VATS resection for lung cancer. In: *Surgical Clinics of North America*. Ferguson M (ed). Philadelphia: W.B. Saunders, June 2002
9. **Swanson SJ**, Linden P. Esophagectomy for Esophageal Cancer. *Minerva Chir*. 2002 Dec;57(6):795-810. PubMed PMID: 12592222.
10. **Swanson SJ**, Batirel HF. Video-assisted thoracic surgery (VATS) resection for lung cancer. *Surg Clin North Am*. 2002 Jun;82(3):541-59.
11. Shen KR, **Swanson SJ**. Perioperative management after lung volume reduction surgery. In: Fessler HE, Reilly JJ, Sugarbaker DJ (eds.): *Lung Volume Reduction Surgery for Emphysema*. New York: Cambridge University Press, 2003.
12. **Swanson SJ**, Batirel H. Pleural disease. In: *Unbound Surgery*. Pappas TN (ed). 2004.
13. Linden P, **Swanson SJ**. Esophageal Cancer—Surgical Treatment. In: *Surgery of the Chest*, 7<sup>th</sup> ed. Sellke F, Swanson SJ, del Nido P (eds). Philadelphia: Harcourt Health Sciences, 2005, pp. 627-653.

14. Litle VR, **Swanson SJ**. Postoperative Bleeding: Coagulopathy, Bleeding, Hemothorax, Thor Surg Clin. 2006 Aug;16(3):203-7. PMID: 17004547.
15. Nicastrì DG, **Swanson SJ**. Pros and Cons of Anterior and Posterior Approaches to Pancoast Tumors: Posterolateral Superior Sulcus Tumor Resections. Journal of Operative Techniques in Thoracic and Cardiovascular Surgery. 2006 Summer;11(2):141-53. Doi: 10.1053/j.optechstcvs.2006.06.001
16. Weiser TS, Hyman K, Yun J, Litle V, Chin C, **Swanson SJ**. Electromagnetic navigational bronchoscopy: a surgeon's perspective. Ann Thorac Surg. 2008 Feb;85(2):S797-801. PMID: 18222220.
17. Cesaretti JA, Pennathur A, Rosenstein BS, **Swanson SJ**, Fernando HC. Stereotactic radiosurgery for thoracic malignancies. Ann Thorac Surg. 2008 Feb;85(2):S785-92. PMID: 18222218.
18. Chin CS, **Swanson SJ**. Video-assisted thoracic surgery lobectomy: centers of excellence or excellence of centers? Thorac Surg Clin. 2008 Aug;18(3):263-8.
19. Shaw JP, Dembitzer FR, Wisnivesky JP, Litle VR, Weiser TS, Yun J, Chin C, **Swanson SJ**. Video-assisted thorascopic lobectomy: state of the art and future directions. Ann Thorac Surg. 2008 Feb;85(2):S705-9.
20. Chin CS, Litle V, Yun J, Weiser T, **Swanson SJ**. Airway stents. Ann Thorac Surg. 2008 Feb;85(2):S792-6. PMID: 18222219.
21. Whitson BA, Groth SS, Duval S, **Swanson SJ**, and Maddaus M. Surgery for early stage non-small cell lung cancer: a systematic review of the video-assisted thoracoscopic surgery versus thoracotomy approaches to lobectomy. Ann Thorac Surg 2008 Dec;86(6):2008-16; discussion 2016-8. PMID: 19022040.
22. Proceedings of Second International Bi-Annual Minimally Invasive Thoracic Surgery Summit (Supplement Editor), Ann Thorac Surg. 2010 Jun;89:S2007-190.
23. **Swanson, SJ**. Segmentectomy for lung cancer. Semin Thorac Cardiovasc Surg. 2010 Autumn;22(3):244-9.
24. Gaur P, **Swanson SJ**. Should we continue to drain the pylorus in patients undergoing an esophagectomy? Dis Esophagus. 2014 Aug; 27(6):568-73. Epub 2013 Feb 26. PMID: 23442059.
25. DaSilva MC, **Swanson SJ**. Video-Assisted Thoracic Surgery. (Chapter 10). ACS Surgery-Principles of Surgery. (2010)
26. Mohiuddin K, **Swanson SJ**. Maximizing the benefits of minimally invasive surgery. J Surg Onc. 2013 Oct: 108(5): 315-9. Epub 2013 Aug 23. PMID: 24037974.

27. Servais E, **Swanson SJ**. Thoracoscopic Management of Pulmonary Metastases. *Thorac Surg Clin*. 2016 Feb;26(1):91-7. PMID: 26611514.
28. White A, **Swanson SJ**. Surgery versus stereotactic ablative radiotherapy (SABR) for early-stage non-small cell lung cancer: less is not more. *J Thorac Dis*. 2016 Apr;8(54):S399-S405. doi: 10.21037/jtd.2016.04.40
29. White A, **Swanson SJ**. Minimally Invasive Surgery for Early Stage Lung Cancer: From Innovation to Standard of Care. *Oncology* 2016 Nov 15;30(11):982-87. PMID: 27854099
30. Wee JO, Bueno R, **Swanson SJ**. Minimally invasive esophagectomy: the Brigham and Women's Hospital experience. *Ann Cardiothorac Surg*. 2017 Mar; 6(2): 175-78. doi: 10.21037/acs.2017.03.13 PMID: 28426673.
31. **Swanson SJ**. Minimally invasive surgery is best treatment for early lung cancer. *J Thorac Dis*. 2018;10(Suppl 17):S1998-1999. doi:10.21037/jtd.2018.04.171
32. **Swanson SJ**. Good vibrations-better care for lung cancer patients. *J Thorac Cardiovasc Surg*. 2019 Jan;157(1):378-379. doi: 10.1016/j.jtcvs.2018.04.022. PMID: 29730113
33. **Swanson SJ**. Commentary: Comparison of Pulmonary Segmentectomy and Lobectomy: safety results of a Randomized Trial. *J Thorac Cardiovasc Surg*. Accepted for publication May 2019.
34. **Swanson SJ**. Commentary: One, Two, or Three Ports: Is There a Hole-Y Grail? *Semin Thorac Cardiovasc Surg*. 2020 Spring;32(1):152. doi: 10.1053/j.semtcvs.2019.07.011. Epub 2019 Jul 29. PMID: 31369856
35. Bilgi Z, **Swanson SJ**. Current indications and outcomes for thoracoscopic segmentectomy for early stage lung cancer. *J Thorac Dis*. 2019 Aug;11(Supple 13):S1662-69. PMID: 31516739
36. **Swanson SJ**. Discussion. *J Thorac Cardiovasc Surg*. 2019 Oct 31:S0022-5223(19)32095-1. Doi: 10.1016/j.jtcvs.2019.09.084 PMID: 31679702
37. **Swanson SJ**, Nicastrì DG, White A. Mediastinal Tracheostomy. In: Sugarbaker DJ, Bueno R, Burt BM, Groth SS, Loo G, Wolf AS, editors. *Sugarbaker's Adult Chest Surgery*. 3<sup>rd</sup> ed. New York: McGraw-Hill;2020. p. 553-560.
38. Hirji SA, Nicastrì DG, **Swanson SJ**. VATS Lobectomy and Segmentectomy. In: Sugarbaker DJ, Bueno R, Burt BM, Groth SS, Loo G, Wolf AS, editors. *Sugarbaker's Adult Chest Surgery*. 3<sup>rd</sup> ed. New York: McGraw-Hill;2020. p. 664-680.
39. Dolan DP, **Swanson SJ**. The modern approach to esophagectomy- review of the shift towards minimally invasive surgery. *Ann Transl Med*. Accepted for Publication March 2, 2020. Available From: <http://atm.amegroups.com/article/view/40544>

40. **Swanson SJ**. Commentary: Primum non nocere. *J Thorac Cardiovasc Surg*. 2020 Aug;160(2):e95. doi: 10.1016/j.jtcvs.2020.04.143. Epub 2020 May 12. PMID: 32536408

41. Dolan DP, Dezube AR, **Swanson SJ**. Current state of minimally invasive treatment of locally advanced non-small cell lung cancer. *Mini-invasive Surg* 2020;4:40. doi: 10.20517/2574-1225.2020.17

42. Liu L, Mei J, He J, Demmy TL, Gao S, Li S, He J, Liu Y, Huang Y, Xu S, Hu J, Chen L, Zhu Y, Luo Q, Mao W, Tan Q, Chen C, Li X, Zhang Z, Jiang G, Xu L, Zhang L, Fu J, Li H, Wang Q, Liu D, Tan L, Zhou Q, Fu X, Jiang Z, Chen H, Fang W, Zhang X, Li Y, Tong T, Yu Z, Liu Y, Zhi X, Yan T, Zhang X, Pu Q, Che G, Lin Y, Ma L, Embun R, Aragón J, Evman S, Kocher GJ, Bertolaccini L, Brunelli A, Gonzalez-Rivas D, Dunning J, Liu HP, **Swanson SJ**, Borisovich RA, Sarkaria IS, Sihoe ADL, Nagayasu T, Miyazaki T, Chida M, Kohno T, Thirugnanam A, Soukiasian HJ, Onaitis MW, Liu CC. International expert consensus on the management of bleeding during VATS lung surgery. *Ann Transl Med*. 2019 Dec;7(23):712. doi: 10.21037/atm.2019.11.142. PMID: 32042728

#### **Books/textbooks for the medical or scientific community**

1. DeCamp MM, **Swanson SJ**, Sugarbaker DJ. The Mediastinum. In: Baue A, Geha A, Hammond G, Hillel L, Naunheim K, editors. *Glenn's Thoracic and Cardiovascular Surgery*. 6<sup>th</sup> ed. New York: McGraw- Hill; 1996. p. 643-63.

2. Sugarbaker DJ, Reed MF, **Swanson SJ**. Mesothelioma. In: Sabiston DC, Lyerly HK, editors. *Textbook of Surgery: The Biological Basis of Modern Surgical Practice*. 15<sup>th</sup> ed. Philadelphia: WB Saunders; 1996; p.1876-83.

3. **Swanson SJ**, Sugarbaker DJ. Surgery and Pleural Space: Fibrothorax, Thoracoscopy, and Pleurectomy. In: Baum G, Crapo J, Celli B, Karlinsky J, editors: *Textbook of pulmonary diseases*. 6<sup>th</sup> ed. Philadelphia: Lippincott-Raven; 1998. p. 1499-1503.

4. **Swanson SJ**. Lung plication technique in lung volume reduction surgery. In: DiFalco G, editor. *Atlas of Videothoroscopic Surgery (Atlante Chirurgico Di Videotorascopia)*. Milano: Masson S.p.A.; 1999. p. 75-8.

5. Mason DP, **Swanson SJ**. VATS the future. In: DiFalco G, editor. *Atlas of Videothoroscopic Surgery (Atlante Chirurgico Di Videotorascopia)*. Milan: Masson S.p.A.; 1999. p. 205-11.

6. **Swanson SJ**. Multimodality Therapy of Stage IIIB Non-Small-Cell Lung Cancer. In: Skarin AT, editor. *Multimodality Treatment of Lung Cancer*. New York: Marcel Dekker, Inc.; 2000. p. 225-34.

7. **Swanson SJ**, Grondin SC, Sugarbaker DJ. Technique of Pleural Pneumonectomy in Diffuse Mesothelioma. In: Shields TW, LoCicero J, Ponn RB, editors. *General Thoracic Surgery*, 5<sup>th</sup> ed. Philadelphia: Lippincott Williams & Wilkins; 2000. p.783-90.
8. Mentzer SJ, **Swanson SJ**. Lung transplantation. In: Austen KF, Burakoff SJ, Rosen FS, Strom TB, editors. *Therapeutic Immunology*. 2<sup>nd</sup> ed. Boston: Blackwell Science; 2001. p. 482-495.
9. Shen R, **Swanson SJ**, Sugarbaker DJ. Pulmonary resection. In: Baker RJ, Fischer JE, editors. *Mastery of Surgery*. 4<sup>th</sup> ed. Philadelphia: Lippincott-William & Wilkins; 2001. p. 658-674.
10. Shen KR, **Swanson SJ**. Perioperative Complications and Their Management. In: Fessler HE, Reilly JJ, Sugarbaker DJ, editors. *Lung Volume Reduction Surgery for Emphysema*. New York: Marcel Dekker Inc.; 2004. p. 273-88.
11. **Swanson SJ**, Batirel, HF. Evaluation and Management of Pleural Effusion. In: Atkins MB, Cassileth PA, Mayer RJ, Furie B, editors. *Clinical Practice of Hematology and Oncology: Presentations, Diagnosis and Treatment*. Philadelphia: Churchill Livingstone; 2003.
12. Batirel HF, **Swanson, SJ**. Lung Amebiasis. In: Yang SC, Camerson DE, editors. *Current Therapy in Thoracic and Cardiovascular Surgery*. Philadelphia: Mosby; 2004. p. 230-1.
13. Sellke F, **Swanson SJ**, del Nido P, editors. *Sabiston and Spencer Surgery of the Chest*. 7<sup>th</sup> ed. Philadelphia: Elsevier Inc; 2005.
14. Linden P, **Swanson SJ**. Esophageal Resection and Replacement. In: Sellke F, **Swanson SJ**, del Nido P, editors. *Sabiston and Spencer Surgery of the Chest*. 7<sup>th</sup> ed. Philadelphia: Elsevier; 2005. p. 627-652.
15. **Swanson SJ**, Linden P. Strategies for Esophageal Replacement and Management. In: Putnam J, Franco K, editors. *Advanced Therapy in Thoracic Surgery*. 2<sup>nd</sup> edition. Ontario: BC Decker; 2005. p. 492-503.
16. Litle VR, **Swanson SJ**. Primary Lung Abscess. In: Rakel R, Bope E, editors. *Conn's Current Therapy 2007*. Philadelphia: Saunders; 2007. p. 293-94.
17. Weiser TS, **Swanson SJ**, Lobar Resections: Standard and Thoracoscopic. In: Evan S, editor. *Surgical Pitfalls*. Philadelphia: Saunders; 2008. p. 671-84.
18. Nicastrì DG, Yun J, **Swanson SJ**. Mediastinal Tracheostomy. In: Sugarbaker DJ, Bueno R, Krasna MJ, Mentzer SJ, Zellos L, editors. *Adult Chest Surgery*. New York: McGraw Hill; 2009. p. 484-92.
19. Nicastrì DG, Yun J, **Swanson SJ**. VATS Lobectomy. In: Sugarbaker DJ, Bueno R, Krasna MJ, Mentzer SJ, Zellos L, editors. *Adult Chest Surgery*. New York: McGraw Hill; 2009. p. 541-51.

20. Sellke F, **Swanson SJ**, del Nido P, editors. Sabiston and Spencer Surgery of the Chest. 8<sup>th</sup> ed. Philadelphia: Elsevier, Inc; 2010.
21. Chin CS, Linden PA, **Swanson SJ**. Esophageal Resection and Replacement. In: Sellke F, **Swanson SJ**, del Nido P, editors. Sabiston and Spencer Surgery of the Chest. 8<sup>th</sup> ed. Philadelphia: Elsevier Inc.; 2010. p. 589-616.
22. Wee JO, **Swanson SJ**. Stents for Benign Airway Obstruction. In: Ferguson MK, editor. Difficult Decisions in Thoracic Surgery: An Evidence Based Approach. 2<sup>nd</sup> ed. London: Springer London; 2011. p. 347-52
23. McKenna RJ, Mahtabifard A, **Swanson SJ**, editors. Atlas of Minimally Invasive Thoracic Surgery. Philadelphia: Elsevier Inc.; 2011.
24. McKenna RJ, Mahtabifard A, **Swanson SJ**, editors. Atlas de Cirugia Toracica Minimamente Invasiva (VATS). Philadelphia: Elsevier Inc.; 2011.
25. Chin SC, **Swanson SJ**. Applied Anatomy. In: McKenna RJ, Mahtabifard A, **Swanson SJ**, editors. Atlas of Minimally Invasive Thoracic Surgery (VATS). Philadelphia: Elsevier Inc.; 2011. p. 36-54.
26. **Swanson SJ**. Left Upper Lobe Apical Trisegmentectomy. In: McKenna RJ, Mahtabifard A, **Swanson SJ**, editors. Atlas of Minimally Invasive Thoracic Surgery (VATS). Philadelphia: Elsevier Inc.; 2011. p. 157-74.
27. **Swanson SJ**. Video-Assisted Thymectomy. In: McKenna RJ, Mahtabifard A, **Swanson SJ**, editors. Atlas of Minimally Invasive Thoracic Surgery (VATS). Philadelphia: Elsevier Inc.; 2011. p. 246-56.
28. Gaur P, **Swanson SJ**. Gastric Emptying Procedure After Esophagectomy. In: Ferguson MK. Difficult Decisions in Thoracic Surgery. London: Springer; 2014. p. 365-76.
29. Ashley SW, **Swanson SJ**, Smink DS, Cance WG, Jurkovich GJ, Napolitano LM, Pemberton JH, Soper, NJ, Valentine JR, editors. ACS Surgery 7. Ontario: Decker Intellectual Properties; 2014.
30. DaSilva MC, **Swanson SJ**. Video-Assisted Thoracic Surgery. In: Ashley SW, Cance WG, Chen H, Jurkovich GJ, Napolitano LM, Pemberton JH, Riall TS, **Swanson SJ**, Valentine RJ (editors). ACS Surgery 7. Ontario: Decker; 2014 .p.650-70.
31. Sellke F, **Swanson SJ**, del Nido P, editors. Sabiston and Spencer Surgery of the Chest, 9<sup>th</sup> ed. Philadelphia: Elsevier Inc; 2016.

32. Chin CS, Linden PA, Al-Dameh A, **Swanson SJ**. Esophageal Resection and Replacement. In: Sellke F, **Swanson SJ**, del Nido P, editors. Sabiston and Spencer Surgery of the Chest. 9<sup>th</sup> ed. Philadelphia: Elsevier, Inc.; 2016. p. 657-87.

### **Case reports**

1. White A, **Swanson S**. How to deal with benign hilar or interlobar lymphadenopathy during video-assisted thoracic surgery lobectomy- case report series. *J Vis Surg* 2016;2:22.

2. Bhagat R, **Swanson SJ**, Hammer MM, Mallidi HR, White A. Multimodality Curative Treatment of IIIA/T4 Lung Adenocarcinoma. *Ann Thorac Surg*. 2021Feb;111(2):e73-e75. doi: 10.1016/j.athoracsur.2020.05.122. Epub 2020 Jul 18. PMID: 32693034

### **Professional Educational Materials or Reports in print or other media**

1. VATS lobectomy [videocassette]. Boston, MA: CALGB Protocol 39802; 1999.

2. Advances in treatment of malignant mesothelioma [videocassette]. CTS Forum Elephant Hills, Zimbabwe: Hoechst Marion Roussel Asta Medica; 1999.

3. Induction chemotherapy followed by surgery approach [videocassette]. CTS Forum Elephant Hills, Zimbabwe: Hoechst Marion Roussel Asta Medica; 1999.

4. A Primer on the various cardiothoracic surgery meetings available to cardiothoracic surgery residents [videocassette]. Thoracic Surgery Directors Association (TSDA) Prerequisite Curriculum: V. Disease.

5. **Swanson SJ**, Batirel H. Pleural disease. In: Pappas TN, Purcell GP, editors. Unbound Surgery. Available from: Unbound Medicine [Internet] 2004 Jul.

<http://www.unboundmedicine.com/store>

*An all digital evidence-based clinical content resource for practitioners and trainees to resolve surgical dilemmas.*

6. Video Presentation-New York Society of Thoracic Surgeons, Esophageal VATS resection, Litle VR, et. al, May 2007

7. OR- Live Webcast: <http://www.or-live.com/EthiconEndo-Surgery/2646/>. May 2009, Boston, MA.

8. OR- Live Webcast: [www.orlive.com/.../techniques-and-technology-in-video-assisted-thoracic-surgery-vats-1](http://www.orlive.com/.../techniques-and-technology-in-video-assisted-thoracic-surgery-vats-1). November 2009, Atlanta, GA.

9. OR-Live Webcast: [www.orlive.com/ethiconendo-surgery/vatsseries?cmpid=EXP](http://www.orlive.com/ethiconendo-surgery/vatsseries?cmpid=EXP). March 2010, Boston, MA.

10. OR-Live Webcast: [www.orlive.com/ethiconendo-surgery/vatsseries?cmpid=EXP](http://www.orlive.com/ethiconendo-surgery/vatsseries?cmpid=EXP).  
November, 2010, Atlanta, GA.

11. White A, **Swanson SJ**. Dissection of interlobar lymph nodes (video). *Asvide* 2016;3:041.  
<http://www.asvide.com/articles/792>  
*Training Video*

## **Clinical Guidelines and Reports**

### *1. Clinical Practice Guideline*

Ettinger DS, Akerley W, Bepler G, Blum MG, Chang A, Cheney RT, Chirieac LR, D'Amico TA, Demmy TL, Ganti AK, Govindan R, Grannis FW Jr, Jahanzeb M, Johnson DH, Kessinger A, Komaki R, Kong FM, Kris MG, Krug LM, Le QT, Lennes IT, Martins R, O'Malley J, Osarogiabon RU, Otterson GA, Patel JD, Pisters KM, Reckamp K, Riely GJ, Rohren E, Simon GR, **Swanson SJ**, Wood DE, Yang SC; NCCN Non-Small Cell Lung Cancer Panel Members. Non-small cell lung cancer. *J Natl Compr Canc Netw*. 2010 Jul;8(7):740-801. PubMed PMID: 20679538.

*Consensus of the authors regarding their views of currently accepted approaches to prevention and screening, staging, and treatment for non-small cell lung cancer (NSCLC).*

### *2. Consensus Statement*

Ettinger DS, Akerley W, Bepler G, Blum MG, Chang A, Cheney RT, Chirieac LR, D'Amico TA, Demmy TL, Govindan R, Grannis FW Jr, Jahan T, Johnson DH, Kessinger A, Komaki R, Kong FM, Kris MG, Krug LM, Le QT, Lennes IT, Martins R, O'Malley J, Osarogiabon RU, Otterson GA, Patel JD, Pisters KM, Reckamp K, Riely GJ, Rohren E, **Swanson SJ**, Wood DE, Yang SC; National Comprehensive Cancer Network. Thymic Malignancies. *J Natl Compr Canc Netw*. 2010 Nov;8(11):1302-15. PubMed PMID: 21081786.

*Consensus of the authors regarding their views of currently accepted approaches to thymic malignancies.*

### *3. Clinical Practice Guideline*

Ettinger DS, Akerley W, Borghaei H, Chang A, Cheney RT, Chirieac LR, D'Amico TA, Demmy TL, Ganti AK, Govindan R, Grannis FW, Horn L, Jahan TM, Jahanzeb M, Kessinger A, Komaki R, Kong FM, Kris MG, Krug LM, Lennes IT, Loo BW, Martins R, O'Malley J, Osarogiabon RU, Otterson GA, Patel JD, Schenck MP, Pisters KM, Reckamp K, Riely GJ, Rohren E, **Swanson SJ**, Wood DE, Yang SC; National Comprehensive Cancer Network. Malignant pleural mesothelioma. *J Natl Compr Canc Netw*. 2012 Jan;10(1):26-41. PubMed PMID: 22223867.

*NCCN Clinical Practice Guidelines in Oncology for Malignant Pleural Mesothelioma is a statement of consensus of the authors regarding their views of currently accepted approaches to treatment.*

### *4. Consensus Statement*

Jacobson FL, Austin JH, Field JK, Jett JR, Keshavjee S, MacMahon H, Mulshine JL, Munden RF, Salgia R, Strauss GM, Sugarbaker DJ, **Swanson SJ**, Travis WD, Jaklitsch MT. Development of The American Association for Thoracic Surgery guidelines for low-dose computed tomography scans to screen for lung cancer in North America: recommendation of The American Association for Thoracic Surgery Task Force for Lung Cancer Screening and Surveillance. *J Thorac Cardiovasc Surg.* 2012 Jul; 144(1):25-32. PubMed PMID: 22710038. *The study objective was to establish the American Association for Thoracic Surgery (AATS) lung cancer screening guidelines for clinical practice.*

#### 5. Clinical Protocol

Jaklitsch MT, Jacobson FL, Austin JH, Field JK, Jett JR, Keshavjee S, MacMahon H, Mulshine JL, Munden RF, Salgia R, Strauss GM, **Swanson SJ**, Travis WD, Sugarbaker DJ. The American Association for Thoracic Surgery guidelines for lung cancer screening using low-dose computer tomography scans for lung cancer survivors and other high-risk groups. *J Thorac Cardiovasc Surg.* 2012 Jul;144(1):33-8. PubMed PMID: 22710039.

*The American Association for Thoracic Surgery created a multispecialty taskforce to create screening guidelines for groups at high risk of developing lung cancer and survivors of previous lung cancer.*

#### 6. Consensus Statement

Ettinger DS, Akerley W, Borghaei H, Chang AC, Cheney RT, Chiriea LR, D'Amico TL, Ganti AK, Govindan R, Grannis FW Jr, Horn L, Jahan TM, Jahanzeb M, Kessinger A, Komaki R, Kong FM, Kris MG, Krug LM, Lennes IT, Loo BW Jr, Martins R, O'Malley J, Osarogiagbon RU, Otterson GA, Patel JD, Pinder-Schenck MC, Pisters KM, Reckamp K, Riely GJ, Rohren E, **Swanson SJ**, Wood DE, Yang SC, Hughes M, Gregory KM; NCCN (National Comprehensive Cancer Network). Non-small cell lung cancer. *J Natl Compr Canc Netw.* 2012 Oct 1;10(10):1236-71. PubMed PMID: 23054877.

*Most patients with non-small cell lung cancer (NSCLC) are diagnosed with advanced cancer. These guidelines are about stage IV NSCLC. Consensus of the authors regarding their views of currently accepted approaches to treatment.*

#### 7. Clinical Practice Guideline

Ettinger DS, Riely GJ, Akerley W, Borghaei H, Chang AC, Cheney RT, Chiriea LR, D'Amico TA, Demmy TL, Govindan R, Grannis FW Jr, Grant SC, Horn L, Jahan TM, Komaki R, Kong FM, Kris MG, Krug LM, Lackner RP, Lennes IT, Loo BW Jr, Martins R, Otterson GA, Patel JD, Pinder-Schenck MC, Pisters KM, Reckamp K, Rohren E, Shapiro TA, **Swanson SJ**, Tauer K, Wood DE, Yang SC, Gregory K, Hughes M; Thymomas and thymic carcinomas: Clinical Practice Guidelines in Oncology. *J Natl Compr Canc Netw.* 2013 May 1; 11(5):562-76. PubMed PMID: 23667206.

*Consensus of the authors regarding their views of currently accepted approaches to treatment to thymomas and thymic carcinomas.*

#### 8. *Consensus Statement*

Ettinger DS, Akerley W, Borghaei H, Chang AC, Cheney RT, Chirieac LR, D'Amico TA, Demmy TL, Govindan R, Grannis FW Jr, Grant SC, Horn L, Jahan TM, Komaki R, Kong FM, Kris MG, Krug LM, Lackner RP, Lennes IT, Loo BW Jr, Martins R, Otterson GA, Patel JD, Pinder-Schenck MC, Pisters KM, Reckamp K, Riely GJ, Rohren E, Shapiro TA, **Swanson SJ**, Tauer K, Wood DE, Yang SC, Gregory K, Hughes M; National comprehensive cancer network. Non-small cell lung cancer, version 2.2013. *J Natl Compr Canc Netw*. 2013 Jun 1;11(6):645-53. PubMed PMID: 23744864.

*Focus on the diagnostic evaluation of suspected lung cancer. This edition focuses on the major updates in the NCCN Guidelines and discusses the new updates in greater detail.*

#### 9. *Consensus Statement*

Ettinger DS, Wood DE, Akerley W, Bazhenova LA, Borghaei H, Camidge DR, Cheney RT, Chirieac LR, D'Amico TA, Demmy TL, Dilling TJ, Govindan R, Grannis FW Jr, Horn L, Jahan TM, Komaki R, Kris MG, Krug LM, Lackner RP, Lanuti M, Lilenbaum R, Lin J, Loo BW Jr, Martins R, Otterson GA, Patel JD, Pisters KM, Reckamp K, Riely GJ, Rohren E, Schild S, Shapiro TA, **Swanson SJ**, Taur K, Yang SC, Gregory K, Hughes M. NCCN Non-Small Cell Lung Cancer Panel Members. Non-small lung cancer, version 1.2015. *J Natl Compr Canc Netw*. 2014 Dec;12(12):1738-61. PubMed PMID: 25505215.

*This guide focuses on the principles of radiation therapy for non-small cell lung cancer (NSCLC).*

#### 10. *Consensus Statement*

Ettinger DS, Wood DE, Akerley W, Bazhenova LA, Borghaei H, Camidge DR, Cheney RT, Chirieac LR, D'Amico TA, Demmy TL, Dilling TJ, Dobelbower MC, Govindan R, Grannis FW Jr, Horn L, Jahan TM, Komaki R, Lackner RP, Lanuti M, Lilenbaum R, Lin J, Loo BW Jr, Martins R, Otterson GA, Patel JD, Pisters KM, Reckamp K, Riely GJ, Rohren E, Schild S, Shapiro TA, **Swanson SJ**, Taur K, Yang SC, Gregory K, Hughes M. NCCN Non-Small Cell Lung Cancer Panel Members. Non-small lung cancer, Version 6.2015. *J Natl Compr Canc Netw*. 2015 May;13(5):515-24. PubMed PMID: 25964637.

*This guideline describes the different testing methods currently available for determining whether patients have genetic alterations in the 2 most commonly actionable genetic alterations, notable ALK gene rearrangements and EGFR mutations.*

#### 11. *Consensus Statement*

Ettinger DS, Wood DE, Akerley W, Bazhenova LA, Borghaei H, Camidge DR, Cheney RT, Chirieac LR, D'Amico TA, Dilling TJ, Dobelbower MC, Govindan R, Hennon M, Horn L, Jahan TM, Komaki R, Lackner RP, Lanuti M, Lilenbaum R, Lin J, Loo BW Jr, Martins R, Otterson GA, Patel JD, Pisters KM, Reckamp K, Riely GJ, Schild SE, Shapiro TA, Sharma N, Stevenson J, **Swanson SJ**, Tauer K, Yang SC, Gregory K, Hughes M. NCCN Guidelines

Insights: Non-Small Cell Lung Cancer, Version 4.2016. J Natl Compr Canc Netw. 2016 Mar;14(3):255-64. PubMed PMID: 26957612

*Consensus of the authors regarding their views of currently accepted approaches to treatment for non-small cell lung cancer. This discusses the new immunotherapeutic agents, such as nivolumab and pembrolizumab for patients with metastatic NSCLC.*

#### 12. Consensus Statement

Blackmon SH, Cooke DT, Whyte R, Miller D, Cerfolio R, Farjah F, Rocco G, Blum M, Hazelrigg S, Howington J, Low D, **Swanson S**, Fann JI, Ikonomidid JS, Wright C, Grondin SC. The Society of Thoracic Surgeons Expert Consensus Statement: A Tool Kit to Assist Thoracic Surgeons Seeking Privileging to Use New Technology and Perform Advanced Procedures in General Thoracic Surgery. Ann Thorac Surg. 2016 Mar; 101(3):1230-7. PubMed PMID: 27124326.

*The Society of Thoracic Surgeons (STS) convene a task force to address the absence of established national standards to direct granting of privileges for new technology and created a pathway, checklist, and list of recommendations to guide the process.*

#### 13. Consensus Statement

Ettinger DS, Wood DE, Aisner DL, Akerley W, Bauman J, Chirieac LR, D'Amico TA, DeCamp MM, Dilling TJ, Dobelbower M, Doebele RC, Govindan R, Gubens MA, Hennon M, Horn L, Komaki R, Lackner RP, Lanuti M, Leal TA, Leisch LJ, Lilenbaum R, Lin J, Loo BW Jr, Martina R, Otterson GA, Reckamp K, Riely GJ, Schild SE, Shapiro TA, Stevenson J, **Swanson SJ**, Tauer K, Yang SC, Gregory K, Hughes M. Non-Small Cell Lung Cancer, Version 5.2017, NCCN Clinical Practice Guidelines in Oncology. J Natl Compr Canc Netw. 2017 Apr;15(4):504-35. PubMed PMID: 28404761.

*Consensus of the authors regarding their views for new recommendations of targeted therapies and immunotherapies for metastatic NSCLC. Based upon lower-level evidence, there is uniform NCCN consensus that the intervention is appropriate.*

#### 14. Consensus Statement

Ettinger DS, Aisner DL, Wood DE, Akerley W, Bauman J, Change JY, Chirieac LR, D'Amico TA, Dilling TJ, Dobelbower M, Govindan R, Gubens MA, Hennon M, Horn L, Lackner RP, Lanuti M, Leal TA, Lilenbaum R, Lin J, Loo BW Jr, Martins R, Otterson GA, Patel SP, Reckamp K, Riely GJ, Schild SE, Shapiro TA, Stevenson J, **Swanson SJ**, Tauer K, Yang SC, Gregory K, Hughes M. NCCN Guidelines Insights: Non-Small Cell Lung Cancer, Version 5.2018. J Natl Compr Canc Netw. 2018 Jul;16(7):807-821. PubMed PMID: 30006423.

*The NCCN Guidelines Insights focus on recent updates to targeted therapy for patients with advanced NSCLC who have ALK or ROS1 rearrangements or BRAFV600E mutations.*

*Consensus of the authors regarding their views of currently accepted approaches to treatment.*

### **Abstracts, Poster Presentations, and Exhibits Presented at Professional Meetings**

1. VATS Lobectomy has better perioperative outcomes than open lobectomy: Ancillary analysis of CALGB 140202/ Poster Presentation

Society of Thoracic Surgeons Annual Meeting: 2014 Orlando, FL

2. Felipe E, Brahmer J, Broderick S, **Swanson SJ**, Awad M, Mitsudomi T, Girard N, Kerr K, Spicer J, Cai J, Yang R, Forde P. CheckMate 816: A Phase 3 Trial of Neoadjuvant Nivolumab Plus Chemotherapy Versus Chemotherapy in Early-Stage NSCLC. Poster Presentation. 19<sup>th</sup> World Conference on Lung Cancer: 2018 Sept 23-26; Toronto, Canada

3. White A, Kucukak S, Lee D, Mazzola E, **Swanson SJ**. Superior Segmentectomy is Equivalent to Lower Lobectomy for Selected Patients with Stage I Lung Cancer. Poster Presentation. American Association for Thoracic Surgery: ITSOS: 2018 Oct 12-13; New York, NY (selected oral abstract presented by Abby White)

4. White A, Kucukak S, Lee D, Mazzola E, **Swanson SJ**. Sublobar Resection is Equivalent to Lobectomy for Select Patients with Stage I Lung Cancer. Poster Presentation. American Association for Thoracic Surgery: ITSOS; 2018 Oct 12-13; New York, NY (selected oral abstract presented by Abby White)

5. White A, Kucukak S, Lee D, Bueno R, Colson Y, Jaklitsch M, Mentzer S, Wee JO, Sugarbaker DJ, **Swanson SJ**. Surgical Resection and perioperative chemotherapy for N1 positive stage II non-small cell lung cancer (NSCLC): Better than expected outcomes particularly in patients with solitary nodal metastasis. Mini Oral Abstract. American Association for Thoracic Surgery Annual Meeting; 2019 May 4-7; Toronto, Canada (selected oral abstract presented by Abby White)

6. White A, Kucukak S, Lee DN, Polhemus E, Mazzola E, Jaklitsch M, Mentzer S, Wee JO, Bueno R, **Swanson SJ**. Evolving Multimodality Treatment Strategies in Locally Advanced Non-Small Cell Lung Cancer. Podium Presentation. New England Surgical Society Annual Meeting; 2019 Sept 13-15; Montreal, Canada (selected podium presentation presented by Abby White)

7. White A, Lee DN, Bravo-Iniguez S, Mamon HJ, Kucukak S, Wee JO, Mentzer SJ, Jaklitsch, MT, Wiener D, Bueno R, **Swanson SJ**. Esophageal Signet-Cell Cancer Portends Poor Prognosis with Modern Treatment Strategies. Podium Presentation. American Association for Thoracic Surgery: International Thoracic Surgery Oncology Summit; 2019 Sept 27-28; New York, NY (selected podium presentation presented by Abby White).

8. **Swanson SJ**, White A, Polhemus E. Left Video Assisted Thoracic Surgery Completion Pneumonectomy in a 90-year-old. ePoster Presentation. American Association for Thoracic Surgery: International Thoracic Surgery Oncology Summit; 2019 Sept 27-28; New York, NY (selected ePoster presented by Abby White).

9. Dolan D, Mazzola E, Lee DN, Polhemus E, White A, **Swanson SJ**. Factors impacting survival and recurrence following sublobar resection versus lobectomy for early stage non-small cell lung cancer: An analysis of 1294 patients. Abstract Presentation. American Association for Thoracic Surgery Annual Meeting; 2020 April 25-28; New York, NY (selected abstract presented by Daniel Dolan). *This presentation was scheduled, but then canceled because of a COVID-19 travel/meeting ban.*

10. Kern J, Carr L, Slatore C, Smith C, Stone K, **Swanson SJ**, Farris M, Wisnivesky J. Lung function changes post stereotactic body radiotherapy treatment for non-small cell lung cancer. Poster Presentation American Thoracic Society International Conference; 2020 May 15-20; Philadelphia, PA (selected poster presentation presented by Jeffrey Kern).
11. White A, Polhemus E, Dolan D, **Swanson SJ**. Video-Assisted Thoracoscopic Bilobectomy with Bronchoplasty. Video Presentation. European Society for Thoracic Surgery Annual Meeting; 2020 May 31- June 3; The Hague, The Netherlands. (selected video presented by Abby White). *This presentations was scheduled, but then postponed to June 2021 because of a COVID-19 travel/meeting ban.*
12. Beattie R, Furrer K, Dolan DP, Curioni-Fontecedro A, Lee DN, Frauenfelder T, Hoeller S, Weder W, Bueno R, Optiz I, **Swanson SJ**. Lung Resection for locally advanced lung cancer after immunotherapy is safe. Poster Presentation. European Society of Thoracic Surgery Virtual Meeting; 2020 October 2-3; Virtual Meeting (selected poster presented by Rory Beattie).
13. White A, Polhemus E, Khalil HA, Ferrone ML, Orgill DP, Jaklitsch MT, **Swanson SJ**. Radical Manubrial Resection and Novel Reconstruction with Iliac Wing Bone Graft and Bioabsorbable Prosthetic Plate. Video Presentation. American College of Surgeons Clinical Congress 2020; 2020 October 4-8; Virtual Meeting
14. White A, Bhagat R, Polhemus E, **Swanson SJ**. How to Perform Video Assisted Left Upper Lobectomy Given Complex Anatomical Features While Managing Arterial Bleeding and Air Leaks Following Use of Small-Molecule Targeted Therapy. Video Presentation. American College of Surgeons Clinical Congress 2020; 2020 October 4-8; Chicago, IL *This presentation was scheduled, but then canceled because of a COVID-19 travel/meeting ban.*
15. Dolan DP, Lee DN, Polhemus E, Kucukak S, White A, **Swanson SJ**. Esophagectomy for Esophageal Cancer: Safely Performed During COVID-19 Pandemic. Poster Presentation. American Association for Thoracic Surgery: International Thoracic Surgical Oncology Summit; 2020 October 16-17; Virtual Meeting (selected poster presented by Daniel Dolan).
16. Dezube AR, Cooper L, Mazzola E, Dolan DP, Lee DN, Kucukak S, De Leon LE, Dumontier C, Ademola B, Polhemus E, White A, **Swanson SJ**, Jaklitsch MT, Frain LN, Wee JO. Improving perioperative outcomes after esophagectomy in older adults. St. Elizabeth Medical Center Annual Research Day; 2021 May 6. Boston, MA
17. Spicer J, Wang C, Tanaka F, Saylor GB, Chen KN, Liberman M, Vokes E, Girard N, Lu S, Provencio M, Mitsudomi T, Awad MM, Felip E, Forde PM, **Swanson SJ**, Brahmer JR, Kerr K, Dorange C, Cai J, Broderick S. Surgical outcomes from the phase 3 CheckMate 816 trial: nivolumab + platinum-doublet chemotherapy vs chemotherapy alone as neoadjuvant treatment for patients with resectable non-small cell lung cancer. Oral Abstract Presentation. American Society for Clinical Oncology 2021 Annual Meeting; 2021 June 4-8; Virtual Meeting (selected abstract presented by Jonathan Spicer).

18. Dolan DP, Lee DN, Polhemus E, Bueno R, **Swanson SJ**, White A. Hyperthermic Intraoperative Chemotherapy (HIOC) for Stage Iva Thymic Malignancy Improves 5-Year Disease-Free Survival after Radical Thymectomy with Radical Pleurectomy. Poster Presentation. Western Thoracic Surgical Association Annual Meeting; 2021 September 30- October 2; Phoenix, AZ (selected poster presented by Daniel Dolan).

### **Narrative Report**

Dr. Swanson is the Director of the Minimally Invasive Thoracic Surgery Program at Brigham and Women's Hospital and the Thoracic Oncology Disease Center Leader at the Dana-Farber Cancer Institute/ Brigham and Women's Hospital Cancer Center. He is Vice Chair for Cancer Affairs for the Department of Surgery. He is a Senior Surgeon in the Division of Thoracic Surgery at Brigham and Women's Hospital, and he is the Associate Chief of Surgery at the Dana-Farber Cancer Institute. Dr. Swanson is a professor of surgery at Harvard Medical School. He focuses a significant amount of his clinical activity in further developing minimally invasive thoracic surgery both in terms of its breadth and depth at the hospital as well as teaching the residents and fellows on the service. As the Disease Center Leader of the Thoracic Oncology Program, Dr. Swanson administrates a multimodal group whose focus is to further optimize the experience and outcome for patients with thoracic malignancy.

Dr. Swanson's research is focused on the better understanding of early stage lung cancer in terms of its biologic fingerprint as well as clinical behavior. He is overseeing the development of a comprehensive database that will link clinical variables with pathologic and biologic markers within the specific tumor of interest. Associated with this and on the national front, Dr. Swanson was the Chair of the Thoracic Surgery Sub-Committee for CALGB prior to its integration with Alliance, an NCI-sponsored National Comprehensive Cancer Cooperative Group. He oversaw thoracic surgery protocols in this role. Additionally, Dr. Swanson serves on advisory boards to further the education, training, and advancement of minimally invasive thoracic surgery. He directs 4-6 courses per year that are given nationally to help advance the knowledge of this field. He directed the Third International Biennial Minimally Invasive Thoracic Surgery Summit in Boston, in October 2011. He co-authored the *Atlas of Minimally Invasive Thoracic Surgery* which was published in the fall of 2010. Additionally, he is the Thoracic Surgery section editor for Sabiston and Spencer *Surgery of the Chest* textbook (9<sup>th</sup> Ed.).

Dr. Swanson's Clinical research, to date, is focused on understanding the behavior of early lung and esophageal cancer. He has recently published manuscripts regarding the lymph node evaluation and its relationship to outcome in both lung and esophageal cancer. In addition, his other clinical research pertains to minimally invasive thoracic surgery, and a noteworthy article was published in April of 2014 in *The Journal of Thoracic and Cardiovascular Surgery* showing the benefits of increasing the margin distance for wedge resection used in early stage lung cancer. Dr. Swanson has collaborated in the investigations into the mechanisms of human lung cancer with investigators from Mount Sinai Medical Center in New York that he began

while in his prior position there. Dr. Swanson's laboratory efforts were focused on the understanding of the WNT pathway in human lung cancer. In conjunction with Dr. Stuart Aaronson, Chairman of the Department of Cancer Medicine at Mount Sinai Medical Center, Dr. Swanson has examined a novel analytic method for the evaluation of beta-catenin in human lung cancer. Currently Dr Swanson is collaborating with investigators at the Dana Farber Cancer Institute and the Harvard School of Public Health to identify novel genes associated with poor survival in early stage lung cancer.

Dr. Swanson is committed to the education and training of future thoracic surgeons. He established a fellowship program at Mount Sinai in New York and has been very involved in the training of the fellows and residents since returning to the Brigham and Women's Hospital in the fall of 2008.

Dr. Swanson serves as the Associate Chief of Surgery of the Dana-Farber Cancer Institute, a position that was recently created to permit him to work with the senior leadership at both the Brigham and Women's hospital and the Dana-Farber Cancer Institute, in order to better integrate surgery into the multimodal care for patients at the Dana-Farber Cancer Institute. In addition, with the various satellite programs being developed by the Dana-Farber Cancer Institute/Brigham and Women's Hospital Cancer Center program, more involved coordination from a surgical perspective is necessary and Dr. Swanson is leading this effort. This has been a very important and rewarding experience as it allows surgery to play a more involved role in both the care and outreach to patients.

In summary, Dr. Swanson focuses his clinical attention on the treatment of thoracic malignancies and in particular applies minimally invasive and newer technologies to optimize treatment. Along these lines he has taken on the leadership of the Minimally Invasive Thoracic Surgery program while continuing to advance the education and implementation of operations such as minimally invasive thoracoscopic lobectomy through national courses, the editing of The Atlas of Minimally Invasive Thoracic Surgery, and directing AATS focus courses on thoracic surgery; the most recent course was in Guangzhou in November 2018. Dr. Swanson's research integrates clinical data with the tumor pathology to better define prognostic variables. This should permit better treatment options for patients with lung cancer. Finally, by serving as Associate Chief of Surgery of the Dana-Farber Cancer Institute and by sitting on various Brigham and Women's/Dana-Farber Cancer Institute's cancer committees, Dr. Swanson is able to help shape more global policy and treatment strategy for the future of cancer patients.