

**CURRICULUM VITAE**  
**DANIEL SANGWON OH, M.D., F.A.C.S**

CLINICAL ASSOCIATE PROFESSOR OF SURGERY,  
 KECK SCHOOL OF MEDICINE, UNIVERSITY OF SOUTHERN CALIFORNIA

VP AND ASSOCIATE MEDICAL OFFICER, INTUITIVE SURGICAL

**A. PERSONAL INFORMATION:**

<b>Work</b>
ACADEMIC: Keck Medical Center of the University of Southern California 1510 San Pablo St, Suite 514 Los Angeles, CA 90033  CLINICAL: Providence-St. Jude Medical Center 2151 N. Harbor Blvd, Suite 3100 Fullerton, CA 92835  INDUSTRY: Intuitive Surgical Inc. 1020 Kifer Rd Sunnyvale, CA 94086
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Email: Clinical <a href="mailto:ohdan@providence.org">ohdan@providence.org</a> Intuitive <a href="mailto:daniel.oh@intusurg.com">daniel.oh@intusurg.com</a> Personal <a href="mailto:danieloh.md@gmail.com">danieloh.md@gmail.com</a>

**B. EDUCATION AND PROFESSIONAL APPOINTMENTS**

**EDUCATION:**

<i>Year</i>	<i>Degree, Field, Institution, City</i>
1992	High School, University High School, Irvine, CA
1996	B.A. with High Honors in English, Wesleyan University, Middletown, CT
2001	M.D., Loyola University of Chicago, Chicago, IL

**POST-GRADUATE TRAINING:**

<i>Year-Year</i>	<i>Training Type, Field, Mentor, Department, Institution, City</i>
1996-1997	Research Assistant, Molecular Diagnostic Lab, Huntington Medical Research Institute, Pasadena, CA. Mentor: Faye Eggerding, MD, PhD
2001-2002	Intern in General Surgery (PGY 1), University of Southern California, Los Angeles, CA. Chair: Tom R. DeMeester, MD
2002-2004	Resident in General Surgery (PGY 2-3), University of Southern California, Los Angeles, CA. Chair: Tom R. DeMeester, MD
2004-2005	Research Fellow, Thoracic Surgery, University of Southern California, Los Angeles, CA. Mentor: Tom R. DeMeester, MD
2005-2006	Research Fellow, Response Genetics Inc. Los Angeles, CA. Mentor: Kathy Danenberg, PhD
2006-2007	Resident in General Surgery (PGY 4), University of Southern California, Los Angeles, CA. Chair: Tom R. DeMeester, MD
2007-2008	Administrative Chief Resident (PGY 5), University of Southern California, Los Angeles, CA. Chair: Tom R. DeMeester, MD
2008-2010	Resident in Cardiothoracic Surgery (PGY 6-7), Brigham and Women's Hospital, Harvard Medical School, Boston, MA. Chief: David Sugarbaker, MD

**ACADEMIC APPOINTMENTS:**

<i>Year-Year</i>	<i>Appointment</i>	<i>Department, Institution, City, Country</i>
2010-2018	Assistant Professor of Clinical Surgery	Division of Thoracic Surgery, Department of Surgery, Keck School of Medicine of USC, Los Angeles, CA
2018-Present	Clinical Associate Professor of Surgery	Division of Thoracic Surgery, Department of Surgery, Keck School of Medicine of USC, Los Angeles, CA

**CLINICAL APPOINTMENTS:**

<i>Year-Year</i>	<i>Appointment</i>	<i>Department, Institution, City, Country</i>
2010-Present	Attending Surgeon	Keck Medical Center of USC, Los Angeles, CA
2010-Present	Attending Surgeon	Los Angeles County-USC Medical Center, Los Angeles, CA
2014-Present	Attending Surgeon	Providence-St. Jude Medical Center, Fullerton, CA

**ADMINISTRATIVE APPOINTMENTS:**

<i>Year</i>	<i>Description</i>	<i>Institution, City, State, Country</i>
2017-Present	Vice President, Associate Medical Officer	Intuitive Surgical Inc, Sunnyvale, CA
2014-Present	Medical Director, Center for Thoracic and Esophageal Disorders	Providence-St. Jude Medical Center, Fullerton, CA
2019-Present	Chair, Robotic Lobectomy Didactic Session	Society for Thoracic Surgeons (STS) Annual Cardiothoracic Surgery Bootcamp for First-Year Fellows, Chicago, IL (Hiatus during Covid pandemic 2020-21)
2015-Present	Member, Robotic Steering Committee	Providence-St. Jude Medical Center, Fullerton CA
2016-2020	Member, GI Institute Steering Committee	Providence-St. Jude Medical Center, Fullerton CA
2014-2020	Member, Lung Steering Committee	Providence-St. Jude Medical Center, Fullerton, CA
2017-2020	Physician Leader, Regional Lung Cancer Committee	Providence-St. Joseph Health, Orange County, CA
2013-2017	Course Director	USC Multidisciplinary Lung Cancer Continuing Medical Education Course. Keck School of Medicine of USC, Office of CME.
2015-2016	Advisory Board Member	Gilib Medical Video Online Library. Collaboration with Brian Conker, MBA Candidate, USC Marshall School of Business
2013	Contributing Content Writer	American Board of Thoracic Surgery, Self-Education Self-Assessment in Thoracic Surgery, Version 11 (SESATS XI)
2011-2015	Member	USC Department of Surgery Research Committee, Keck School of Medicine of USC, Los Angeles, CA
2011-2012	Member	USC Integrated Ambulatory Quality Committee, Keck School of Medicine of USC, Los Angeles, CA

**MAJOR LEADERSHIP POSITIONS: (E.G., DEAN, CHAIR, INSTITUTE DIRECTOR, HOSPITAL ADMINISTRATION, ETC.)**

<i>Year-Year</i>	<i>Position</i>	<i>Narrative listing Accomplishments- or add appendix</i>
2017-Present	Vice President, Associate Medical Officer, Intuitive Surgical Inc.	I am working as a surgeon-researcher at a surgical robotics company, Intuitive, based in Silicon Valley. I serve in a cross-functional role involved clinical research, development of training technology, and research and development of future surgical technology and new procedures. I report to the Chief Medical Officer and Executive VP, Myriam Curet, MD. This is a part-time position and I simultaneously continue clinical work as part of USC faculty.
2014-Present	Medical Director, Providence-St. Jude Center for Thoracic and Esophageal Disorders	I have implemented the same diagnostic and therapeutic options for thoracic and esophageal disorders that we offer at USC Keck Medical Center at this community hospital in Orange County. I work in a multidisciplinary fashion with close alignment with hospital administration to improve outcomes for lung cancer, esophageal cancer, and benign esophageal conditions. We have reproduced stellar outcomes similar to USC in this community setting. In this role I also am deeply involved with regional health initiatives at Providence Health System, of which St. Jude member hospital. Recently I have introduced additional USC faculty to support the esophageal program.

**C. LICENSURE, CERTIFICATIONS****LICENSURE:**

<i>Year</i>	<i>License number, State, Status</i>
2003	A82678 California, Active
2008	235867 Massachusetts, Inactive

**BOARD CERTIFICATION OR ELIGIBILITY:**

<i>Year</i>	<i>Board, State, Status</i>
2009	American Board of Surgery, Certificate 54334
2011	American Board of Thoracic Surgery, Certificate 7785

**OTHER CERTIFICATIONS OR EXAMINATIONS:**

<i>Year</i>	<i>Certification or Exam, Status</i>
2015	Fluoroscopy – X-ray Supervisor and Operator, State of California, Certificate RHC00201272

**D. HONORS, AWARDS:**

<i>Year</i>	<i>Description</i>	<i>Awarding agency, address, city</i>
1996	Dorchester Prize – Best Honors Thesis, Department of English	Wesleyan University, Middletown, CT
2001	Best Medical Student Research Presentation	Department of Surgery, Loyola University School of Medicine, Chicago, IL
2001	Alpha Omega Alpha Recipient	Alpha Omega Alpha (AOA) Medical Honors Society
2008	Outstanding Scholar Award	Department of Surgery, University of Southern California
2008	Outstanding Resident Award	Department of Surgery, University of Southern California
2013	Young Surgeon Travel Award	American College of Surgeons, Southern Calif. Chapter
2013	SuperDoctors Rising Stars	Los Angeles Magazine
2017	Finalist, Physician Leadership Award	Providence-St. Jude Medical Center
2014 to 2022	SuperDoctors Selection	Los Angeles Magazine, LA Times
2014 to 2022	Top Doctors Selection	Pasadena Magazine
2017 to 2022	Top Doctors Selection	Castle Connolly

**E. TEACHING****DIDACTIC TEACHING:***Institution*

<i>Year-Year</i>	<i>Course Name</i>	<i>Units/Hrs</i>	<i>Role</i>
2010-2015	USC General Surgery Residency Didactic Lectures	NA	Lecturer
2010-2016	USC Cardiothoracic Surgery Residency Didactic Lectures	NA	Lecturer
2010-2016	USC Medical Oncology Fellowship Didactic Lectures	NA	Lecturer

**CME COURSES DEVELOPED**

*Institution*

<i>Year-Year</i>	<i>Course Name</i>	<i>Units/Hrs</i>	<i>Role</i>
2013-2017	USC Lung Cancer Course	7.0 CME Credits	Founding Course Director

**UNDERGRADUATE, GRADUATE AND MEDICAL STUDENT (OR OTHER) MENTORSHIP:**

<i>Year-Year</i>	<i>Trainee Name</i>	<i>Trainee Type</i>	<i>Dissertation/Thesis/Project Title</i>
2011-2012	Isaac Cho	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)
2011-2012	Kim Grant, MD	Thoracic Surgery Research Fellow	Thoracic Surgery Research
2012-2013	Brian Karamian	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)
2012-2014	Stephanie Worrell, MD	Thoracic Surgery Research Fellow	Thoracic Surgery Research
2012-2014	Christina Greene, MD	Thoracic Surgery Research Fellow	Thoracic Surgery Research
2013-2014	Elizabeth Miranda	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)
2013-2014	Daewon Kim	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)
2014-2015	Justin Lewis	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)
2014-2015	Josh Boys, MD	Thoracic Surgery Research Fellow	Thoracic Surgery Research
2015-2016	Brian Conker	MBA Student	Gilib Online Medical Video Library (Start Up Business)
2015-2016	Katherine Schwameis, MD	Thoracic Surgery Research Fellow	Thoracic Surgery Research
2015-2017	Brenda Lin	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)
2015-2017	Clara Wang	MD Student	Keck School of Medicine of USC, Required Scholarly Project (RSP)

**F. SERVICE**

**DEPARTMENT SERVICE:**

<i>Year-Year</i>	<i>Position, Committee</i>	<i>Organization/Institution</i>
2011-2015	Member, Research Committee	Dept of Surgery, Keck School of Medicine of USC

**MEDICAL SCHOOL SERVICE:**

<i>Year-Year</i>	<i>Position, Committee</i>	<i>Organization/Institution</i>
2011-2012	Member, Integrated Ambulatory Quality Committee	Keck School of Medicine of USC

**HOSPITAL OR MEDICAL GROUP SERVICE:**

<i>Year-Year</i>	<i>Position, Committee</i>	<i>Organization/Institution</i>
2017-2020	Committee Chair	Providence-St. Joseph Health System Regional Lung Cancer Workgroup
2016-Present	Committee Member	St. Jude Robotic Committee
2016-Present	Committee Member	St. Jude GI Institute Steering Committee

**UNIVERSITY SERVICE:**

<i>Year-Year</i>	<i>Position, Committee</i>	<i>Organization/Institution</i>
2015-2016	Faculty Collaborator, Sing To Breath Program – with Assoc. Prof Cynthia Munzer (retired)	USC Thornton School of Music

**PROFESSIONAL SERVICE:**

<i>Year-Year</i>	<i>Position, Committee</i>	<i>Organization/Institution</i>
2014-Present	Medical Director, Center for Thoracic and Esophageal Disorders	St. Jude Medical Center, Fullerton, CA
2015-Present	Member, Robotic Steering Committee	St. Jude Medical Center, Fullerton CA
2016-Present	Member, GI Institute Steering Committee	St. Jude Medical Center, Fullerton CA
2017-2020	Physician Leader, Regional Lung Cancer Committee	Providence-St. Joseph Health, Orange County, CA
2019, 2022	Chair, Robotic Lobectomy Section	Society of Thoracic Surgeons (STS) Residency Boot Camp

**CONSULTANTSHIPS AND ADVISORY BOARDS:**

<i>Year</i>	<i>Position, Board</i>	<i>Organization/Hospital/School, Institution</i>
2014-2016	Consultant	Covidien Inc.
2014-2016	Consultant	Ethicon Inc.
2014-2016	Consultant	Intuitive Surgical Inc.
2021-Present	Advisory Board	OCERT – ORSI Consensus for European Robotic Training (Belgium)

**PROFESSIONAL SOCIETY MEMBERSHIPS:**

<i>Year- Year</i>	<i>Society</i>
2019-Present	American Association for Thoracic Surgery (AATS)
2016-Present	American College of Surgeons (ACS)
2016-Present	Western Thoracic Surgery Association (WTSA)
2015-Present	International Association for Study of Lung Cancer (IASLC)
2011-Present	General Thoracic Surgery Club (GTSC)
2011-Present	Society of Thoracic Surgeons (STS)
2011-Present	International Society of Diseases of the Esophagus (ISDE)
2010-Present	Korean American Medical Association (KAMA)
2007-Present	American Society of Clinical Oncology (ASCO)
2005-Present	Society of Surgery of the Alimentary Tract (SSAT)

**COMMUNITY SERVICE:**

<i>Year-Year</i>	<i>Position</i>	<i>Organization/Institution, City,</i>	<i>Role or Activity</i>
2018-Present	Reviewer	Intuitive Foundation	Review research and fellowship grant applications, provide feedback and recommendations
2017-2020	Volunteer	American Lung Association	Increase awareness and raise funds for lung cancer research and screening
2011-2017	Board Member, American Lung Association Leadership Board	American Lung Association	Increase awareness and raise funds for lung cancer research and screening
2016-2017	National media Spokesperson	American Lung Association	Increase awareness and raise funds for lung cancer research and screening
2015-2016	Event Co-Chair, American Lung Association Walk	American Lung Association	Increase awareness and raise funds for lung cancer research and screening
2013-2015	Board Chair, American Lung Association Leadership Board	American Lung Association	Increase awareness and raise funds for lung cancer research and screening

**G. RESEARCH AND SCHOLARSHIP**

**MANUSCRIPT REVIEW:**

<i>Year-Year</i>	<i>Journal</i>
2010-2015	Diseases of the Esophagus
2014-2020	Journal of Surgical Oncology
2019-Present	Journal of Thoracic Disease
2020-Present	Innovations
2020-Present	Journal of Thoracic and Cardiovascular Surgery (JTCVS)

**MAJOR AREAS OF RESEARCH INTEREST**

<i>Research Areas</i>
1. Robotic surgery
2. Lung cancer outcomes
3. Esophageal cancer outcomes
4. Benign esophageal disorders (GERD, achalasia)

**GRANT SUPPORT - PAST:**

<i>Grant No. (PI):</i> Steven DeMeester, MD	<i>Dates of Award:</i> 2005-2007
<i>Agency:</i> Society of American GI and Endoscopic Surgeons	<i>Percent Effort:</i> 25%
<i>Title:</i> Validation of a rat model of Barrett's esophagus	
<i>Description:</i> I created a surgical model of GERD in rats that elicited the development of Barrett's esophagus over time, but there was controversy over the true nature of this mucosa. In this project we showed that the molecular profile of this epithelium was true metaplasia and not creeping mucosa from adjacent bowel. This work validated the model and it is commonly used in several labs worldwide to study Barrett's esophagus. This work led to an oral presentation at the Society of American GI and Endoscopic Surgeons (SAGES) and was published in 2009.	
<i>Role:</i> Co-Investigator	
<i>Total Direct Costs:</i> \$15,000	
<i>Grant No. (PI):</i> Daniel Oh, MD and Ite Laird, PhD	<i>Dates of Award:</i> 2012-2014
<i>Agency:</i> Private Donor	<i>Percent Effort:</i> 5%
<i>Title:</i> Detection of malignant pleural effusions using molecular diagnostics	
<i>Description:</i> The diagnosis of malignant pleural effusion is only 50% accurate with standard techniques. We conducted a pilot study showing improved accuracy using methylated tumor DNA as novel biomarkers for proving malignancy in the fluid. This work led to a presentation at the World Congress of the International Association for Study of Lung Cancer (IASLC) in 2015. I also mentored 2 research fellows for this study, Stephanie Worrell MD and Joshua Boys MD.	
<i>Role:</i> Co-PI with Ite Laird, PhD	
<i>Total Direct Costs:</i> \$20,000	
<i>Grant No. (PI):</i> Daniel Oh, MD and Steven DeMeester, MD	<i>Dates of Award:</i> 2014-2017
<i>Agency:</i> NinePoint Medical	<i>Percent Effort:</i> 5%
<i>Title:</i> NvisionVLE Imaging System Registry	
<i>Description:</i> Prospective, multi-center registry with longitudinal follow up of patients undergoing upper endoscopy using NinePoint NvisionVLE optical coherence tomography with confocal laser endomicroscopy for Barrett's esophagus surveillance and detection. We established USC as one of the pilot sites and the data showed excellent outcomes, resulting in a national presentation and manuscript in progress.	
<i>Role:</i> Co-PI with Steven DeMeester, MD	
<i>Total Direct Costs:</i> \$27,217.50	

**INVITED LECTURES, SYMPOSIA, KEYNOTE ADDRESSES, GRAND ROUNDS, CME LECTURES**



<i>Year</i>	<i>Type</i>	<i>Title, Location</i>
2005	Podium Presentation Scientific Meeting	"The Impact of Reflux Composition on Mucosal Injury and Esophageal Function." Society for Surgery of the Alimentary Tract (Residents and Fellows Research Conference), Chicago, Illinois. May 14, 2005.
2005	Podium Presentation Scientific Meeting	"The Impact of Reflux Composition on Mucosal Injury and Esophageal Function." Society for Surgery of the Alimentary Tract (Plenary Session), Chicago, Illinois. May 17, 2005.
2005	Podium Presentation Scientific Meeting	"Cdx-2 Expression in Squamous and Metaplastic Columnar Epithelia of the Esophagus." American Gastroenterology Association, Chicago Illinois. May 15, 2005.
2005	Podium Presentation Scientific Meeting	"The Clinical Biology and Surgical Therapy of Intramucosal Adenocarcinoma of the Esophagus" American College of Surgeons Clinical Congress (Plenary Session), San Francisco, California. October 17, 2005.
2005	Podium Presentation Scientific Meeting	"The Gene Expression Profile of Cardia Intestinal Metaplasia is Similar to Barrett's Esophagus, Not Gastric Intestinal Metaplasia." American College of Gastroenterology (Plenary Session), Honolulu, Hawaii. November 1, 2005.
2006	Podium Presentation Scientific Meeting	"Antireflux Surgery Reduces IL-8 Gene Expression in Reflux Esophagitis and Barrett's Esophagus." Western Surgical Association (Plenary Session), Los Cabos, Mexico. November 12, 2006.
2007	Podium Presentation Scientific Meeting	"Validation of a Rodent Model of Barrett's Esophagus Using Gene Expression Profiling." Society of American GI and Endoscopic Surgeons – SAGES (Plenary Session), Las Vegas, Nevada. April 21, 2007.
2008	Podium Presentation Scientific Meeting	"Sonic Hedgehog Gene Expression in Barrett's Esophagus and Esophageal Adenocarcinoma." American Gastroenterology Association (Pathogenesis of Barrett's Esophagus Session), San Diego, California. May 21, 2007.
2010	Invited Lecture – Didactic	"Esophageal Cancer." USC Medical Oncology Fellowship Didactic Lecture, USC Norris Cancer Center. October 8, 2010.
2011	Invited Lecture – Didactic	"Mesothelioma – Background and Diagnosis." USC/Norris Thoracic Tumor Board. March 11, 2011.
2011	Invited Lecture – Didactic	"Surgical Staging of Lung Cancer." USC/Norris Thoracic Tumor Board. April 22, 2011.
2011	Invited Lecture – Didactic	"Surgical Management of Lung Cancer." USC Medical Oncology Fellowship Didactic Lecture, USC Norris Cancer Center. April 22, 2011.
2011	Invited Lecture Scientific Meeting	"Barrett's Esophagus and Esophageal Adenocarcinoma: Coming to a Clinic Near You?" Korean American Medical Association, 29 <sup>th</sup> Annual International Scientific Meeting, Seoul, Korea. August 4, 2011.
2011	Invited Lecture – Didactic	"Minimally Invasive Lobectomy." USC/Norris Thoracic Tumor Board. September 9, 2011.
2011	Invited Lecture Grand Rounds	"Malignant Effusion in Lung Cancer." USC Department of Surgery Grand Rounds (with Ite Laird, PhD). September 16, 2011.
2011	Invited Lecture – Didactic	"Malignant Pleural Effusion." USC/Norris Thoracic Tumor Board. October 28, 2011.
2012	Invited Lecture – Didactic	"Recent Advances in the Diagnosis and Treatment of Lung Cancer." Korean American Medical Association (KAMA) Meeting, Los Angeles. January 26, 2012.
2012	Invited Lecture – Didactic	"Mesothelioma." USC/Norris Thoracic Tumor Board. January 27, 2012.

2012	Invited Lecture Scientific Meeting	"Advances in the Surgical Diagnosis, Staging, and Treatment of Lung Cancer." Korean American Medical Association 30 <sup>th</sup> Annual International Scientific Meeting. Dana Point, CA. July 6, 2012.
2012	Invited Lecture – Didactic	"Impact of Robotic Surgery on Lung Cancer Therapy: USC Experience." Thousand Oaks, CA. October 13, 2012.
2012	Invited Lecture – Didactic	"Impact of Robotic Surgery on Lung Cancer Therapy: USC Experience." Costa Mesa, CA. November 16, 2012.
2012	Invited Lecture – Didactic	"Impact of Robotic Surgery on Lung Cancer Therapy: USC Experience." Pasadena, CA. November 17, 2012.
2012	Invited Lecture – Didactic	"Impact of Robotic Surgery on Lung Cancer Therapy: USC Experience." Beverly Hills, CA. May 23, 2012.
2012	Invited Lecture Grand Rounds	"Lung Cancer in the Non-Smoker." Valley Presbyterian Hospital Grand Rounds, Van Nuys, CA. June 19, 2012.
2012	Invited Lecture – Didactic	"Endobronchial Procedures in the Management of Thoracic Malignancies." Huntington Hospital Tumor Board, Pasadena, CA. September 20, 2012.
2012	Invited Lecture Grand Rounds	"Lung Cancer in the Non-Smoker." St. Joseph Hospital Grand Rounds, Burbank, CA. October 9, 2012.
2012	Invited Lecture – Didactic	"Robotic Lung Surgery." USC/Norris Thoracic Tumor Board. October 12, 2012.
2012	Invited Lecture Grand Rounds	"Lung Cancer." Glendale Adventist Hospital Grand Rounds, Glendale, CA. October 24, 2012.
2012	Invited Lecture Grand Rounds	"The Evolution of Lung Cancer Surgery: From Thoracotomy to Robotics." USC Department of Surgery Grand Rounds. November 2, 2012.
2012	Invited Lecture – Didactic	"Surgery for Lung Cancer." Indian Wells Country Club Health Speakers Series, Indian Wells, CA. November 15, 2012.
2012	Invited Lecture – Didactic	"Introduction to Thoracic Surgery." Surgery Interest Group, USC Keck School of Medicine. December 3, 2012.
2013	Podium Presentation Scientific Meeting	"Early Adoption of Robotic Pulmonary Lobectomy: Feasibility and Initial Outcomes." (Presented by Cho I - trainee). American College of Surgeons, Southern California Chapter. Santa Barbara, CA. January 18, 2013.
2013	Podium Presentation Scientific Meeting	"Acute Esophageal Necrosis" (Presented by Worrell SG – trainee). American College of Surgeons, Southern California Chapter. Santa Barbara, CA. January 18, 2013.
2013	Invited Lecture Scientific Meeting	"Cutting Edge Medicine: New Technology for Diagnosing and Staging Lung Cancer." Korean American Medicine Association 31 <sup>st</sup> Annual International Scientific Meeting. Las Vegas, NV. July 4, 2013.
2013	Invited Lecture – Didactic	"Mesothelioma." USC/Norris Thoracic Tumor Board. January 11, 2013.
2013	Invited Lecture – Didactic	"Detection and Treatment of Early Stage Lung Cancer." Korean American Medical Association (KAMA), Los Angeles, CA. January 24, 2013.
2013	Invited Lecture – Didactic	"Surgery for Lung Cancer." USC Health Matters Series. Lung Cancer in 2013 – New Hope for Those at Risk. University Club, Pasadena, CA. March 28, 2013.
2013	Invited Lecture – Didactic	"Surgery for Lung Cancer." Cancer Awareness Club. California Polytechnic University, Pomona, CA. May 15, 2013.
2013	Invited Lecture CME Course	"The Impact of Robotic Surgery on Lung Cancer Management." Lung Cancer in 2013: Making Progress at USC CME Course. Pasadena, CA. June 8, 2013.

2013	Invited Lecture Scientific Meeting	"Blood Conservation Issues in Thoracic Surgery." Society for the Advancement of Blood Management Annual Meeting, Los Angeles, CA. September 20, 2013.
2013	Invited Didactic Lecture	"Surgery for Lung Cancer" Indian Wells Country Club, Indian Wells, CA. November 14, 2013.
2014	Podium Presentation Scientific Meeting	"Effect of Pulmonary Metastatectomy on Survival: An Institutional Analysis" (Presented by Miranda E – trainee). American College of Surgeons, Southern California Chapter. Santa Barbara, CA. January 18, 2014.
2014	Invited Discussant Scientific Meeting	"A Systematic Review of Techniques for the Management of Intrathoracic Esophageal Leak Following Esophagectomy." American College of Surgeons Annual Meeting, San Francisco, CA. October 29, 2014.
2014	Invited Didactic Lecture	"Esophageal and Gastric Cancer Surgery." USC Division of Medical Oncology, Fellows Lecture. February 14, 2014.
2014	Invited Lecture CME Course	"Less Invasive Options for Staging the Mediastinum." Lung Cancer in 2014: A Multidisciplinary Update, Pasadena, California. April 5, 2014.
2014	Invited Lecture CME Course	The Impact of Robotic Surgery on Lung Cancer Management." Lung Cancer in 2014: A Multidisciplinary Update, Pasadena, California. April 5, 2014.
2014	Invited Didactic Lecture	"Lung Cancer." Surgical Council on Resident Education (SCORE) Lecture, USC. May 29, 2014.
2014	Invited Didactic Lecture	"Esophageal Cancer Surgery." USC Division of Medical Oncology, Fellows Lecture. September 26, 2014.
2014	Invited Didactic Lecture	"What's New in Lung Cancer Surgery?" Indian Wells Country Club, Indian Wells, CA. November 6, 2014.
2014	Invited Didactic Lecture	Lung Cancer." American Lung Association, State Board Meeting. Hollywood, CA. December 11, 2014.
2015	Podium Presentation Scientific Meeting	"Esophageal Adenocarcinoma in Patients Younger than 40 Years-Old: A Two-Decade Experience at a Public and Private Hospital" (Presented by Boys J – trainee). American College of Surgeons, Southern California Chapter. Santa Barbara, CA. January 16, 2015.
2015	Invited Lecture Scientific Meeting	"Electromagnetic Navigational Bronchoscopy." American Association for Thoracic Surgery Annual Meeting. Seattle, WA. April 25, 2015.
2015	Invited Didactic Lecture	"Advancing the Science of Lung Cancer Care." Honolulu, HI. March 3, 2015.
2015	Invited Lecture Grand Rounds	"Surgical Management of Advanced GERD and Early Esophageal Cancer." St Jude Medical Center Grand Rounds. Fullerton, CA. March 16, 2015.
2015	Invited Didactic Lecture	"Beat the Burn: Surgery for GERD." St Jude Medical Center Community Education Series. Yorba Linda, CA. March 16, 2015.
2015	Invited Didactic Lecture	"Pulmonary Nodules: Early Detection and Diagnosis." St Mary Medical Center Pulmonology Group. Apple Valley, CA. April 9, 2015.
2015	Invited Didactic Lecture	"Superdimension Electromagnetic Navigational Bronchoscopy." Bakersfield Pulmonary Group. April 16, 2015.
2015	Invited Didactic Lecture	"Lungs Are a Singer's Best Friend." World Voice Day. USC Thornton School of Music. Los Angeles, CA. April 17, 2015.
2015	Invited Lecture CME Course	"Lung Cancer Screening: Implementation and Barriers." USC Lung Cancer CME Course. Pasadena, CA. April 18, 2015.
2015	Invited Lecture CME Course	"Update on Malignant Pleural Mesothelioma." USC Lung Cancer CME Course. Pasadena, CA. April 18, 2015.

2015	Invited Lecture CME Course	"The Case for Minimally Invasive Pulmonary Lobectomy." USC Lung Cancer CME Course. Pasadena, CA. April 18, 2015.
2015	Invited Lecture Grand Rounds	"Lung Cancer Screening Is Here: Now What?" St. Jude Medical Center Grand Rounds, Fullerton, CA. June 8, 2015.
2015	Invited Didactic Lecture	"Advancing the Science of Lung Cancer Care." Newport Beach, CA. August 3, 2015.
2015	Invited Didactic Lecture	"Advancing the Science of Lung Cancer Care." Sacramento, CA. September 29, 2015.
2015	Invited Didactic Lecture	"Improving Outcomes in Early Stage Lung Cancer." Las Vegas, NV. October 22, 2015.
2015	Invited Didactic Lecture	"What's New in Lung Cancer Surgery?" Indian Wells Country Club, Indian Wells, CA. November 12, 2015.
2016	Invited Lecture Scientific Meeting	"Robotic Thoracic Surgery." American College of Surgeons Southern California Chapter, Annual Scientific Meeting, Santa Barbara, CA. January 17, 2016.
2016	Invited Lecture Scientific Meeting	"Barrett's Esophagus – An Over-Diagnosed Condition?" Society of American Endoscopic Surgeons (SAGES) Annual Meeting, Boston, MA. March 16, 2016.
2016	Podium Presentation Scientific Meeting	"Clinical Outcome After Laparoscopic Nissen Fundoplication in Proton Pump Inhibitor (PPI) Non-Responders" (Presented by Boys J – Trainee). American College of Surgeons, Annual Clinical Congress. Washington, DC. October 18, 2016.
2016	Invited Lecture Scientific Meeting	"The Role of Surgical Staging in the Era of EBUS/EUS." 22 <sup>nd</sup> Annual Assembly of the American Association for Bronchology and Interventional Pulmonology. American College of Chest Physicians CHEST Annual Meeting. Los Angeles, CA. October 22, 2016.
2016	Invited Didactic Lecture	"Advancing the Science of Lung Cancer Care." La Jolla, CA. January 18, 2016.
2016	Invited Didactic Lecture	"Advances in the Diagnosis and Treatment of Lung Cancer." Osher Lifelong Learning Institute, California State University, Fullerton. February 24, 2016.
2016	Invited Didactic Lecture	"Advancing the Science of Lung Cancer Care." Tucson, AZ. March 9, 2016.
2016	Invited Lecture CME Course	"Robotic Lobectomy: The New Standard for Surgery?" USC Lung Cancer CME Course, Pasadena, CA. April 9, 2016.
2016	Invited Lecture Scientific Meeting	"Early Stage Lung Cancer: Can We Improve Outcomes?" Medical Oncology Association of Southern California meeting. Long Beach, CA. April 30, 2016
2016	Invited Didactic Lecture	"Advancing the Science of Lung Cancer Care." University of New Mexico, Albuquerque, NM. May 2, 2016.
2016	Invited Didactic Lecture	"Update on Lung Cancer." American Lung Association meeting. Newport Beach, CA. May 10, 2016.
2016	Invited Didactic Lecture	"Electromagnetic Navigational Bronchoscopy." Sharp Grossmont Hospital, San Diego, CA. August 20, 2016.
2017	Invited Didactic Lecture	"Robotic-Assisted Lobectomy: Is Standardization Possible?" American Association for Thoracic Surgery Focus on Innovation Meeting, Las Vegas, NV. October 28, 2017
2017	Invited Lecture Scientific Meeting	"Standardization of Robotic Lobectomy." 4M Robotic Thoracic Surgery Meeting, MD Anderson Cancer Center, Houston, TX. November 3, 2017

2017	Invited Lecture CME Course	"Paraesophageal Hernias: Is It Time to Fix Them All (Again)?" Pro Debate. Medical and Surgical Aspects of Esophageal and Foregut Disorders Conference. Hawaii, HI. February 3, 2017.
2017	Invited Lecture CME Course	"Patient, Procedure Selection, and Long-Term Outcomes with Endotherapy for Early Esophageal Cancer." Medical and Surgical Aspects of Esophageal and Foregut Disorders Conference. Hawaii, HI. February 7, 2017.
2017	Invited Lecture Webinar	"Standardization and Optimization in Robotic Lobectomy: Are They Mutually Exclusive?" Hosted by Intuitive Surgical Inc. October 17, 2017
2018	Invited Discussant Scientific Meeting	"Haptics in Surgery." IEEE Haptics Symposium. San Francisco, CA. March 28, 2018
2018	Invited Lecture Scientific Meeting	"From Idea, to Start-Up, to Commercialization – A True Success." Innovation Summit, American Association for Thoracic Surgery (AATS), San Diego, CA. April 29, 2018.
2018	Invited Lecture Scientific Meeting	"Robotic Surgery – Past, Present, and Future." 10 <sup>th</sup> Annual National Kaiser Robotic Surgery Conference, Carlsbad, CA. October 4, 2018.
2018	Course Director Didactic Course	"Robotic Thoracic Surgery." Kaiser Thoracic Surgery Symposium. Sunnyvale, CA. January 31, 2018
2018	Invited Lecture CME Course	"Surgery for Benign Esophageal Disorders." St. Jude Digestive Disease Symposium, Fullerton, CA. April 21, 2018.
2018	Invited Lecture CME Course	"Lung Screening and Nodule Management." Providence-St. Joseph Health Primary Care and Oncology: Practical Lessons Conference. Brea, CA. May 10, 2018
2018	Course Co-Director Didactic Course	Robotic Lobectomy Course – American Association for Thoracic Surgery (AATS) Foundation, Atlanta, GA. August 13, 2018
2018	Invited Lecture CME Course	"Tips and Tricks in Robotic Thoracic Surgery." 10 <sup>th</sup> Annual National Kaiser Robotic Surgery Conference. Carlsbad, CA. October 4, 2018.
2019	Invited Lecture Scientific Meeting	"Future of Robotic Surgery" American Foregut Society, Las Vegas, NV. March 15, 2019.
2019	Invited Lecture Scientific Meeting	"Building a Robotic Program: A U.S. Perspective." 4 <sup>th</sup> Annual Uniportal Thoracic Surgery Conference, Potsdam, Germany. June 14, 2019.
2019	Invited Didactic Lecture	"Lung Cancer Screening." American Lung Association Lung Force Expo, Loma Linda Medical School, Loma Linda, CA. March 31, 2019
2019	Invited Didactic Lecture	"Surgery for Hiatal Hernias." St. Jude GERD Program, Anaheim, CA. May 9, 2019
2019	Invited Didactic Lecture	"What's Your Risk for Lung Cancer?" St Jude Patient Health Series. Brea, CA. May 22, 2019.
2020	Invited Didactic Lecture	"What's New in Robotic-Assisted Foregut Surgery", 35th Annual Course of the Foundation for Research and Education in Esophageal and Foregut Disease, Maui, HI. February 8, 2020.
2020	Invited Course Instructor	AATS Robotic Thoracic Surgery Fellowship Advanced Course, Atlanta, GA. February 19-20, 2020.
2020	Invited Lecture – Scientific Meeting	"Endoluminal and Port-Based Robotics: A Roadmap of Intelligent Interventions in Lung Cancer." Surgical Disruptive Technology Summit, Houston, TX. March 8, 2020.
2020	Invited Didactic Lecture	"Technical Variability in da Vinci Lobectomy." Chest Channel, Asia-Pacific Thoracic Surgery Group. April 10, 2020.
2020	Invited Didactic Lecture	"Robotics in Thoracic Surgery." Mayo Clinic, Department of Thoracic Surgery. Rochester MN. April 14, 2020.
2020	Invited Didactic Lecture	"The Era of Intelligent Surgery: Envisioning the Future." Brigham and Women's Hospital, Division of Thoracic Surgery. Boston, MA. May 6, 2020.

2020	Invited Didactic Lecture	"CO2 Insufflation in the Era of Covid-19." Robotic Minimally Invasive Thoracic Surgery Community, Facebook Live Event. May 20, 2020.
2020	Invited Didactic Lecture	"The Evidence for Robotic Lung Surgery: Is There Any Difference with VATS?" Chest Channel, Asia Pacific Thoracic Surgery Group. July 10, 2020.
2020	Invited Panel Discussion	"Returning to Elective Surgery." Robotic Surgery Collaborative, Facebook Live Event. June 23, 2020.
2020	Invited Didactic Lecture	"Academic Robotic Thoracic Surgery: An Update." Los Angeles, CA. September 16, 2020.
2020	Invited Panel Discussion, Moderator	"Robotic Foregut Surgery." American Foregut Society Meeting. September 24, 2020.
2020	Podium Presentation Scientific Meeting	"Impact of Surgical Approach on Rates of Conversion from Minimally Invasive Surgery to Open Surgery Across Different Procedures." American College of Surgeons Clinical Congress. October 4, 2020.
2020	Invited Didactic Lecture	"Academic Robotic Thoracic Surgery: An Update." MD Anderson, Department of Thoracic Surgery. Houston, TX. October 14, 2020.
2020	Invited Didactic Lecture	"Technical Details of da Vinci Lower Lobectomies." Chest Channel, European and Asia-Pacific Thoracic Surgery Groups. October 21 & 23, 2020.
2020	Invited Didactic Lecture	"The Era of Intelligent Surgery: Envisioning the Future." Chest Channel, European and Asia-Pacific Thoracic Surgery Groups. December 9 & 11, 2020.
2020	Invited Lecture – Scientific Meeting	"The Evidence for Robotic Lung Surgery: Is There Any Difference Compared to VATS?" Societe Francaise de Chirurgie Thoracique et Cardio-Vasculaire (SFCTCV), France. December 28, 2020.
2021	Invited Moderator – Didactic Lecture	"Robotic-assisted Esophagectomy" Hosted by Intuitive Surgical at the American Association for Thoracic Surgery (AATS). April 30, 2021.
2021	Invited Moderator – Scientific Meeting	"My Best Robotic Case" Co-Moderator. American Association for Thoracic Surgery (AATS). May 1, 2021.
2021	Invited Didactic Lecture	"Robotic-Assisted Right Lobectomy" European Union/UK-Ireland Thoracic Surgery Community Webinar. May 6, 2021.
2021	Invited Lecture – CME Course	"Current Status and Future of Robotics in Benign Foregut Surgery." University of Pittsburgh Minimally Invasive Approaches to Benign Esophageal Diseases Course. Pittsburgh, PA. June 10, 2021.
2021	Invited Lecture – CME Course	"The Role of Mesh and Relaxing Incisions in Giant Paraesophageal Hernia Repair: When and Why?" University of Pittsburgh Minimally Invasive Approaches to Benign Esophageal Diseases Course. Pittsburgh, PA. June 10, 2021.
2021	Invited Lecture – Scientific Meeting	"The Future of Robotic Assisted Lung Surgery." Korean Society of Thoracic and Cardiovascular Surgery, Seoul, Korea. June 18, 2021
2021	Invited Didactic Lecture	"Bringing Robotics to the Thoracic Oncology Program" at Thoracic Oncology Executive Summit, San Diego, CA. August 7, 2021
2021	Invited Lecture – Grand Rounds	"Current Status and Future of Robotic-Assisted Surgery" at Department of Surgery Grand Rounds, Brigham and Women's Hospital, Harvard Medical School, Boston, MA. August 11, 2021
2021	Invited Didactic Lecture	"Enhancing Resident Education: Adopting and Integrating Novel Digital Technologies" at Academic Catalyst Program, Intuitive. Virtual Conference. September 16, 2021.
2021	Invited Didactic Lecture	"Lung Cancer Detection and Nodule Management: How Can We Do Better?" for the American Association for Thoracic Surgery (AATS). Virtual Webinar. September 17, 2021.

2021	Invited Didactic Lecture	"Could You Benefit From Lung Cancer Screening?" for St Jude Medical Center Community Outreach. September 21, 2021.
2021	Invited Moderator	"How I'm Building My Foregut Practice with da Vinci Xi" Webinar. December, 14, 2021.
2022	Invited Didactic Lecture	"Lung Cancer: Progress Starts with a Moment" Lecture for Dallas-Fort Worth hospital administrators and clinical leaders. Dallas, TX February 17, 2022
2022	Invited Lecture – Grand Rounds	"Evidence for Robotic Lung Resection – the U.S. Perspective." Bulkey-Barry-Cooper Professorship, Guy's and St. Thomas' NHS Foundation Trust, London, United Kingdom. March 24, 2022.
2022	Invited Lecture – Didactic Course	"Patient Pathways in Lung Cancer" Connect Robotic Surgery Forum, Miami, Florida. April 6, 2022
2022	Invited Lecture – Grand Rounds	"Advances in Robotic Surgery." Royal Brompton Hospital Thoracic Surgery Grand Rounds, London, United Kingdom. May 6, 2022
2022	Invited Lecture – Scientific Meeting	"Interacting with Industry." American Association for Thoracic Surgery Annual Meeting, Boston, MA. May 14, 2022
2022	Invited Didactic Lecture	"Future of Robotic Surgery." Inaugural Arizona Thoracic Surgeon Roundtable. Phoenix, AZ. May 25, 2022
2022	Invited Lecture – Grand Rounds	"Robotic Surgery – Past, Present, Future." Beaumont Medical Center, Detroit, MI. June 7, 2022
2022	Invited Didactic Lecture	"The Lung Cancer Continuum and the Ion Endoluminal System." Thoracic Premier Event. New York, NY. June 16-17, 2022
2022	Invited Lecture – Scientific Meeting	"A Vision for the Future: Multi-Port, Single-Port, and Endoluminal Robotics." Society of Robotic Surgery. Orlando, FL. July 1, 2022
2022	Invited Lecture – Scientific Meeting	"Redefining Surgical Education." Society of Robotic Surgery. Orlando, FL. July 2, 2022
2022	Invited Didactic Lecture	"At the Point of Possibility." Thoracic Oncology Program Summit. New York, NY. July 22, 2022
2022	Invited Didactic Lecture	"The Future is Intuitive." Thoracic Oncology Program Summit. New York, NY. July 23, 2022
2022	Invited Didactic Lecture	"Innovation in the Lung Cancer Continuum." Lung Cancer Program Meeting, San Antonio and Temple, TX. September 1-2, 2022
2022	Invited Lecture – CME Course	"Improving Surgeon Performance." IRCAD Thoracic Surgery Course. Strasbourg, France. September 9, 2022
2022	Invited Lecture – Didactic Course	"A Vision for the Future: Multi-Port, Single-Port, and Endoluminal Robotics." Essentials and Innovations in Thoracic Surgery. Las Vegas, NV. September 16, 2022
2022	Invited Lecture – Scientific Meeting	"Robotic-Assisted Lung Surgery: Past, Present, and Future." Taiwan Society of Thoracic Surgery. Taipei, Taiwan (Virtual). September 16, 2022
2022	Invited Lecture – Didactic Course	"A Vision for the Future: Multi-Port, Single-Port, and Endoluminal Robotics." Innovations in Robotic Thoracic Surgery Meeting. Las Vegas, Nevada. September 16-17, 2022
2022	Invited Participant – Working Group	ORSI Consensus European Robotic Training (OCERT VIII), Ghent, Belgium. October 14-15, 2022.
2022	Invited Lecture – Grand Rounds	"Robotic Procedures for Lung Diagnosis and Therapy." Korea University, Guro Hospital, Seoul, Korea. October 31, 2022.
2022	Invited Lecture – Grand Rounds	"Why Robotic Surgery? Review of the Evidence." Seoul National University Medical Center – Bundang, Seoul, Korea. November 1, 2022
2022	Invited Lecture – Grand Rounds	"My Journey in Robotic Surgery: Why, How, and Outcomes." Catholic University, St. Mary's Hospital, Seoul, Korea. November 2, 2022.

2023	Invited Lecture – Grand Rounds	“Robotic-Assisted Surgery: Past, Present, and Future.” King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia. February 5, 2023.
2023	Invited Lecture – Grand Rounds	“Advances in Pulmonary and Thoracic Robotic Intervention.” King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia. February 8, 2023.
2023	Invited Lecture – Scientific Meeting	“Adoption of New Technology: A View from Multiple Sides.” General Thoracic Surgery Club Meeting. Florida Keys, Florida. March 11, 2023.
2023	Invited Lecture – Didactic Course	“Global Update on Robotic Thoracic Surgery.” IRCAD (Institut de Recherche contre les Cancers de l’Appareil Digestif), Strasbourg, France. March 30, 2023.

## **PUBLICATIONS:**

### **REFEREED JOURNAL ARTICLES:**

1. Choi SH, Kay EP, **Oh DS**, Xu G, Smith RE. Insulin-like Growth Factor-I Promotes Cell Proliferation in the Absence of Modulation of Collagen Phenotypes and Utilizes IRS-1, not PLC-gamma, in Corneal Endothelial Cells. *Current Eye Research* 1995; 14:669-76.

*I was an undergraduate research assistant in this Doheny Eye Institute lab studying healing properties of the cornea and helped with the methodology.*

2. Mamelak AN, Eggerding FA, **Oh DS**, Wilson E, Davis RL, Spitzer R, Hay JA, Caton WL 3d. Fatal Cyst Formation after Fetal Mesencephalic Allograft Transplant for Parkinson’s Disease. *Journal of Neurosurgery* 1998; 89:592-98.

*I was a research assistant at Huntington Medical Research Institute and helped use molecular techniques to identify the source of an aberrant growth following fetal tissue allograft.*

3. Labropoulos N, Mansour MA, Kang SS, **Oh DS**, Buckman J, Baker WH. Viscoelastic Properties of Normal and Atherosclerotic Carotid Arteries. *European Journal of Vascular and Endovascular Surgery* 2000; 19:221-25.

*I helped collect data and write the paper for this study examining dynamic duplex ultrasound characteristics of normal and diseased arteries.*

4. Tassiopoulos AK, Golts E, **Oh DS**, Labropoulos N. Current Concepts in Chronic Venous Ulceration. *European Journal of Vascular and Endovascular Surgery* 2000; 20:227-32.

*I helped write this review article about lower extremity chronic venous disease.*

5. Hodul P, Tansey J, Golts E, **Oh DS**, Pickleman J, Aranha GV. Age is not a Contraindication to Pancreaticoduodenectomy. *American Surgeon* 2001; 67:270-75.



*I helped collect data and write the paper for this retrospective study on outcomes of Whipple operation in elderly patients.*

6. **Oh DS**, Mansour MA. Femoral Vein Access. *Operative Techniques in General Surgery* 2001; 3:232-37.

*I wrote the manuscript as well as drew illustrations for this technical review paper on femoral vein access for central venous catheterization.*

7. Labropoulos N, **Oh DS**, Golts E, Kang SS, Mansour MA, Baker WH. Improved Venous Return by Elliptical, Sequential, and Seamless Air-cell Compression. *International Angiology* 2003; 22:317-21.

*I helped to collect data and write the manuscript on this prospectively conducted study on the hemodynamic effects of a novel lower extremity leg compression device designed to prevent deep venous thrombosis.*

8. Aranha GV, Hodul P, Golts E, **Oh DS**, Pickleman J, Creech S. A Comparison of Pancreaticogastrostomy and Pancreaticojejunostomy following Pancreaticoduodenectomy. *Journal of Gastrointestinal Surgery* 2003; 7:672-82.

*I helped to collect data and write the manuscript on a retrospective analysis on two different methods of anastomosing the pancreas during a Whipple operation.*

9. Brown CV, Weng J, **Oh DS**, Salim A, Kasotakis G, Demetriades D, Velmahos GC, Rhee P. Does routine serial computed tomography of the head influence management of traumatic brain injury? A prospective evaluation. *Journal of Trauma* 2004; 57:939-43.

*I helped collect data and write the manuscript for this study on this prospectively conducted study on trauma patients.*

10. Vallbohmer D, Peters JH, **Oh DS**, Kuramochi H, Shimizu D, DeMeester SR, Hagen JA, Chandrasoma PT, Danenberg KD, DeMeester TR, Danenberg PV. Survivin, a Potential Biomarker in the Development of Barrett's Adenocarcinoma. *Surgery* 2005; 138:701-7.

*I helped with sample and data collection, data analysis, and manuscript writing for this retrospective study on biomarker development applied to Barrett's esophagus progression.*

11. Vallbohmer D, Peters JH, Kuramochi H, **Oh DS**, Yang D, Shimizu D, DeMeester SR, Hagen JA, Chandrasoma PT, Danenberg KD, Danenberg PV, DeMeester TR. Molecular Determinants in Targeted Therapy for Esophageal Adenocarcinoma. *Archives of Surgery* 2006; 141:476-81.

*I helped with sample and data collection, data analysis, and manuscript writing for this retrospective study analyzing potential biomarkers in esophageal adenocarcinoma.*

12. Vallbohmer D, DeMeester SR, Peters JH, **Oh DS**, Kuramochi H, Shimizu D, Hagen JA, Danenberg KD, Danenberg PV, DeMeester TR, Chandrasoma PT. Cdx-2 Expression in Squamous and Metaplastic Columnar Epithelia of the Esophagus. *Diseases of the Esophagus* 2006; 19:260-66.

*I helped with sample and data collection, data analysis, and manuscript writing for this study analyzing the significance of Cdx-2 gene expression in the esophagus.*

13. Vallbohmer D, DeMeester SR, **Oh DS**, Banki F, Kuramochi H, Shimizu D, Hagen JA, Danenberg KD, Danenberg PV, Chandrasoma PT, Peters JH, DeMeester TR. Antireflux Surgery Normalizes Cyclooxygenase-2 Expression in Squamous Epithelium of the Distal Esophagus. *American J of Gastroenterology* 2006; 101:1458-66.

*I helped with sample and data collection, data analysis, and manuscript writing for this study focusing on the effect of surgery on Cox-2 in the esophagus to determine if it effected change similar to pharmacologic Cox-2 inhibition.*

14. **Oh DS**, Hagen JA, Fein M, Dunst CM, Bremner CG, DeMeester SR, Lipham J, DeMeester TR. The Impact of Reflux Composition on Mucosal Injury and Esophageal Function. *Journal of Gastrointestinal Surgery* 2006; 10:787-97.

*I conceived the study design, collected data, performed data analysis, and wrote the paper on this study examining the different effects of acid and bile on esophageal mucosa in GERD.*

15. **Oh DS**, Hagen JA, Chandrasoma PT, Dunst CM, DeMeester SR, Alavi M, Bremner CG, Lipham J, Cote R, Rizzetto C, DeMeester TR. Clinical Biology and Surgical Therapy of Intramucosal Adenocarcinoma of the Esophagus. *Journal of the American College of Surgeons* 2006; 203:152-61.

*I conceived the study design, collected data, performed data analysis, and wrote the paper on this retrospective study on different types of esophagectomy for T1a esophageal adenocarcinoma. This study laid the foundation for doing less resection in this disease.*

16. Vallbohmer D, Marjoram P, Kuramochi H, Shimizu D, Jung H, DeMeester SR, **Oh DS**, Chandrasoma PT, Danenberg KD, DeMeester TR, Danenberg PV, Peters JH. Towards the Molecular Characterization of Disease: Comparison of Molecular and Histological Analysis of Esophageal Epithelia. *Journal of Gastrointestinal Surgery* 2007; 11:1095-1104.

*I helped with sample collection, data analysis, and manuscript writing for this study exploring a non-histological method of categorizing different types of mucosa based purely on molecular profiling.*

17. **Oh DS**, DeMeester SR, Vallbohmer D, Mori R, Kuramochi H, Danenberg KD, Danenberg PV, Chandrasoma PT, DeMeester TR. Antireflux Surgery Reduces IL-8 Gene Expression in Reflux Esophagitis and Barrett's Esophagus. *Archives of Surgery* 2007; 142:554-60.

*I conceived the study design, collected samples, performed data analysis, and wrote the manuscript for this study showing the anti-inflammatory effects of antireflux surgery on the esophagus, with possible implications for decreased drive to malignancy.*

18. Banki F, **Oh DS**, Mason R, Tanaka K, Danenberg KD, Hagen JA, DeMeester SR, Lipham J, DeMeester TR. Plasma DNA: a Molecular Marker for Completeness of Resection and Recurrent Disease in Patients with Esophageal Cancer. *Archives of Surgery* 2007; 142:533-39.

*I helped with sample collection, data analysis, and manuscript writing for this study using patient blood free DNA as a biomarker in esophageal cancer surveillance.*

19. Kuramochi H, Tanaka K, **Oh DS**, Lehman BJ, Dunst CM, Yang DY, DeMeester SR, Hagen JA, Danenberg KD, DeMeester TR, Danenberg PV. Thymidylate synthase polymorphisms and

mRNA expression are independent chemotherapy predictive markers in esophageal adenocarcinoma patients. *International Journal of Oncology* 2008; 32:201-8.

*I helped with sample collection, data analysis, and manuscript writing for this study analyzing biomarkers to predict response to chemotherapy in esophageal adenocarcinoma.*

20. Rodrigo S, Abboud G, **Oh DS**, DeMeester SR, Hagen JA, Lipham J, DeMeester TR, Chandrasoma P. High intraepithelial eosinophil counts in esophageal squamous epithelium are not specific for eosinophilic esophagitis in adults. *American Journal of Gastroenterology* 2008; 103:435-42.

*I helped with clinical data, data analysis, and manuscript writing of this study analyzing the use of eosinophil counts on biopsies of the esophagus to distinguish GERD from eosinophilic esophagitis.*

21. Gutschow CA, Vallbohmer D, Stolte M, **Oh DS**, Danenberg K, Danenberg P, Schneider PM, Holscher AH. Adenocarcinoma Developing in de novo Barrett's Mucosa in the Remnant Esophagus After Esophagectomy: Clinical and Molecular Assessment. *Diseases of the Esophagus* 2008; 21:E6-8.

*I performed the molecular testing for the clinical samples provided from Germany to prove de novo cancer formation in a patient following prior esophagectomy.*

22. **Oh DS**, DeMeester SR, Mori R, Dunst CM, Lehman B, Kuramochi H, Danenberg K, Danenberg P, Hagen JA, Kirkman E, Kirkman P, Chandrasoma P, DeMeester TR. Validation of a Rodent Model of Barrett's Esophagus Using Quantitative Gene Expression Profiling. *Surgical Endoscopy* 2009; 23:1346-52.

*I was responsible for the study design, performed animal surgery, harvested rodent tissue, performed the molecular biology including microdissection and RT-PCT, data analysis, and wrote the manuscript on this funded study examining the validity of an animal model for Barrett's esophagus development.*

23. Banki F, Flanagan P, Zehetner J, Armstrong A, Hagen JA, Joshi A, Sinha R, **Oh DS**, Oezcelik A, DeMeester SR, Abate E, Lipham J, Chandrasoma P, Crookes P, DeMeester TR. Progressive Mucosal Injury in Patients with Gastroesophageal Reflux Disease and Increasing Peripheral Blood Eosinophil Counts. *Archives of Surgery* 2010; 145:363-66.

*I helped with sample collection of blood and helped with data analysis on this study examining blood eosinophil levels and correlating it with GERD severity.*

24. **Oh DS**, DeMeester SR. Pathophysiology and Treatment of Barrett's Esophagus. *World Journal of Gastroenterology* 2010; 16:3762-72.

*I wrote this invited review article on the current understanding of Barrett's esophagus.*

25. **Oh DS**, DeMeester SR, Marjoram P, Tanaka K, Kuramochi H, Lipham J, Chandrasoma PT, Danenberg KD, Danenberg PV, DeMeester TR, Hagen JA. The Gene Expression Profile of Cardia Intestinal Metaplasia is Similar to Barrett's Esophagus, Not Gastric Intestinal Metaplasia. *Diseases of the Esophagus*. 2011 Sep; 24(7):516-22.

*I was responsible for the study design, sample collection, RT-PCR, data analysis, and manuscript writing for this study showing a microscopic form of Barrett's esophagus is not*

*related to gastric mucosa. This had significant implications on the understanding of the epidemiology of Barrett's esophagus.*

26. Ayazi S, DeMeester SR, Hsieh CC, Zehetner J, Sharma G, Grant KS, **Oh DS**, Lipham JC, Hagen JA, DeMeester TR. Thoraco-Abdominal Pressure Gradients During the Phases of Respiration Contribute to Gastroesophageal Reflux Disease. *Digestive Disease and Science*. 2011 Jun; 56(6):1718-22.

*I helped with data analysis and manuscript writing for this study using manometry measurements to understand drivers of GERD in pulmonary disease.*

27. Ayazi S, Hagen JA, Zehetner J, Banki F, Augustin F, Ayazi A, DeMeester SR, **Oh DS**, Sohn HJ, Lipham JC, DeMeester TR. Day-to-day discrepancy in Bravo pH monitoring is related to the degree of deterioration of the lower esophageal sphincter and severity of reflux disease. *Surgical Endoscopy*. 2011 Jul; 25(7):2219-23.

*I helped with data analysis and manuscript writing for this study showing nuances in the interpretation of wireless pH monitoring in the diagnosis of GERD.*

28. Theodorou D, Ayazi S, DeMeester SR, Zehetner J, Peyre CP, Grant KS, Augustin F, **Oh DS**, Lipham JC, Chandrasoma PT, Hagen JA, DeMeester TR. Intraluminal pH and Goblet Cell Density in Barrett's Esophagus. *Journal of Gastrointestinal Surgery*. 2012 Mar; 16(3):469-74.

*I helped with data analysis and manuscript writing of this study showing intraluminal pH of the esophagus correlates with the density of goblet cell growth in Barrett's esophagus.*

29. Vallbohmer D, **Oh DS**, Peters JH. The Role of Lymphadenectomy in the Surgical Treatment of Esophageal and Gastric Cancer. *Current Problems in Surgery*. 2012 Aug; 49(8):471-515.

*I co-wrote the manuscript for this invited review article on surgery for esophageal and gastric cancer.*

30. **Oh DS**, Cho I\*, Karamian B\*, DeMeester SR, Hagen JA. Early Adoption of Robotic Pulmonary Lobectomy: Feasibility and Initial Outcomes. *American Surgeon*. 2013 Oct; 79(10):1075-80. [\*Trainee]

*I was responsible for the concept, study design, data collection, analysis, and manuscript writing of this retrospective study reviewing outcomes between robotic and open lobectomy at USC. I mentored the medical students through the project.*

31. Worrell SG\*, DeMeester SR, Greene CL\*, **Oh DS**, Hagen JA. Pharyngeal pH Monitoring Better Predicts a Successful Outcome for Extraesophageal Reflux Symptoms After Antireflux Surgery. *Surgical Endoscopy*. 2013 Nov; 27(11):4113-8. [\*Trainee]

*I helped with data analysis and manuscript writing for this study using a novel monitoring device for GERD in the pharynx.*

32. Greene CL\*, DeMeester SR, Zehetner J, Worrell SG\*, **Oh DS**, Hagen JA. Diaphragmatic Relaxing Incisions during Laparoscopic Paraesophageal Hernia Repair. *Surgical Endoscopy*. 2013 Dec; 27(12):4532-8. [\*Trainee]

*I helped with data analysis and manuscript writing for this descriptive study outlining a novel surgical technique dealing with large diaphragm defects in paraesophageal hernia repair.*

33. Worrell SG\*, **Oh DS**, Greene CL\*, DeMeester SR, Hagen JA. Endoscopic Ultrasound Staging of Stenotic Esophageal Cancers May Be Unnecessary to Determine the Need for Neoadjuvant Therapy. *Journal of Gastrointestinal Surgery*. 2014 Feb; 18(2):318-20. [\*Trainee]

*I was responsible for the concept, study design, data analysis, and manuscript writing of this study examining the surgical results of patients whose esophageal cancers were too stenotic to allow endoscopic ultrasound assessment. I mentored the research fellows through the project.*

34. Worrell SG\*, **Oh DS**, Greene CL\*, DeMeester SR, Hagen JA. Acute Esophageal Necrosis: A Case Series and Long-Term Follow-Up. *Annals of Thoracic Surgery*. 2014; 98(1):341-2. [\*Trainee]

*I was responsible for the concept, data analysis, and manuscript and helped mentor the research fellows for this descriptive paper about a very rare esophageal condition.*

35. Greene CL\*, DeMeester SR, Augustin F\*, Worrell SG\*, **Oh DS**, Hagen JA, DeMeester TR. Long term quality of life and alimentary satisfaction after esophagectomy with colon interposition. *Annals of Thoracic Surgery* 2014; 98:1713-20. [\*Trainee]

*I helped with study design, data analysis, and manuscript writing for this study examining outcomes of esophagectomy and colon interposition reconstruction more than 10 years after surgery.*

36. Greene CL\*, DeMeester SR, Worrell SG\*, **Oh DS**, Hagen JA, DeMeester TR. Alimentary satisfaction, gastrointestinal symptoms, and quality of life 10 or more years after esophagectomy with gastric pull up. *Journal of Thoracic and Cardiovascular Surgery* 2014; 147:909-14. [\*Trainee]

*I helped with study design, data analysis, and manuscript writing for this study examining outcomes of esophagectomy and gastric tube conduit reconstruction more than 10 years after surgery.*

37. Zehetner J\*, DeMeester SR, Alicuben ET\*, **Oh DS**, Lipham JC, Hagen JA, DeMeester TR. Intraoperative Assessment of Perfusion of the Gastric Graft and Correlation with Anastomotic Leaks after Esophagectomy. *Annals of Surgery*. 2015;262:74-8. [\*Trainee]

*I helped with study design, data analysis, and manuscript writing for this study reviewing the use of a novel imaging technique during esophagectomy to assess conduit perfusion. I helped mentor the research fellow and medical student.*

38. Greene CL\*, Chang EJ\*, **Oh DS**, Worrell SG\*, Hagen JA, DeMeester SR. High Resolution Manometry Sub-Classification of Achalasia: Does It Really Matter? *Surgical Endoscopy* 2015;29:1363-7. [\*Trainee]

*I was responsible for study design, data analysis, and manuscript writing for this study on outcomes of surgery for different achalasia subtypes. I helped mentor the research fellows and medical student.*

39. Boys J\*, **Oh DS**, Lewis J\*, DeMeester SR, Hagen JA. Esophageal Adenocarcinoma in Patients Younger than 40 Years-Old: A Two-Decade Experience at a Public and Private Hospital. *American Surgeon* 2015;81:974-8. [\*Trainee]

*I was responsible for the study concept, design, data analysis, and manuscript writing for this study reviewing outcomes of esophageal cancer in young patients at LAC-USC and Keck Medical Center. I mentored the research fellow and medical student through the project.*

40. Alnoor M\*, Boys JA\*, Worrell SG\*, **Oh DS**, Hagen JA, DeMeester SR. Timing and Pattern of Recurrence after Gastrectomy for Adenocarcinoma. *American Surgeon* 2015;81:1057-60. [\*Trainee]

*I helped with study design, data analysis, and manuscript writing for this study reviewing recurrence patterns in gastric cancer to better recommend CT intervals. I helped mentor the research fellows and medical student.*

41. Greene CL\*, McFadden PM, **Oh DS**, Chang EJ\*, Hagen JA. Long-Term Outcome of the Treatment of Zenker's Diverticulum. *Annals of Thoracic Surgery* 2015;100:975-8. [\*Trainee]

*I helped with study design, data analysis, and manuscript writing for this retrospective study on different surgical approaches to Zenker's esophagus.*

42. Boys JA\*, Alicuben ET\*, DeMeester MJ\*, Worrell SG\*, **Oh DS**, Hagen JA, DeMeester SR. Public Perceptions on Robotic Surgery, Hospitals with Robots, and Surgeons that Use Them. *Surgical Endoscopy* 2016; 30:1310-16. [\*Trainee].

*I helped with study design, data analysis, and manuscript writing for this study using an international poll on public perceptions about robotic surgery. I helped mentor the research fellows and students.*

43. Greene CL\*, **Oh DS**, Worrell SG, Hagen JA. Hiccups and Gastroesophageal Reflux Disease As Seen on High Resolution Esophageal Manometry. *Diseases of the Esophagus* 2016;29:883-84 [\*Trainee].

*I helped with the manuscript writing of this descriptive paper reporting an unusual clinical case and helped mentor the research fellows.*

44. Schwameis K\*, Zehetner J, Rona K\*, Crookes P, Bildzukewicz N, **Oh DS**, Ro G, Ross K, Sandhu K, Katkhouda N, Hagen JA, Lipham JC. Post-Nissen Dysphagia and Bloating Syndrome: Outcomes After Conversion to Toupet Fundoplication. *Journal of Gastrointestinal Surgery* 2017; 21:441-45 [\*Trainee].

*I helped with data analysis and manuscript writing for this study on converting full fundoplication to partial fundoplication for problematic symptoms.*

45. Worrell SG\*, Alicuben ET\*, **Oh DS**, Hagen JA, DeMeester SR. Accuracy of Clinical Staging and Outcome with Primary Resection for Local-Regionally Limited Esophageal Adenocarcinoma. *Annals of Surgery* 2017; Feb Epub [\*Trainee].

*I helped with data analysis and manuscript writing for this retrospective study on the reliability of staging intermediate stage esophageal adenocarcinoma.*

46. Schwameis K\*, Zehetner J, Hagen JA, **Oh DS**, Worrell S, Rona K, Cheng N, Samaan J, Green K, Lipham JC. Esophageal Adenocarcinoma Stage III: Survival Based on Pathological Response to Neoadjuvant Treatment. *Surgical Oncology* 2017;26:522-26.

*I assisted with data analysis and manuscript writing for this retrospective study analyzing the outcomes of surgery for esophageal cancer based on the efficacy of neoadjuvant therapy.*

47. Schwameis K, Green KM, Worrell SG, Samaan J, Cooper S, Tatishchev S, Oh DS, Hagen JA, DeMeester SR. Outcome with Primary En-Bloc Esophagectomy for Submucosal Esophageal Adenocarcinoma. *Ann Surg Oncol.* 2017;24:3921-25. PMID 28975518.

*I assisted with data collection, data analysis, and manuscript writing on this paper based on outcomes at USC.*

48. **Oh DS**, Reddy RM, Gorrepati ML, Mehendale S, Reed MF. Robotic-Assisted, VATS, and Open Lobectomy: Propensity-Matched Analysis of Recent Premier Data. *Annals of Thoracic Surgery* 2017;104:1733-40..

*I was responsible for study design, data analysis, and manuscript writing for this nationwide database study examining the clinical outcomes of robotic, VATS, and open lobectomy. It is the largest comparative dataset in publication at time of acceptance. I collaborated with colleagues from Univ of Michigan and Penn State Univ.*

49. Reddy RM, Gorrepati ML, **Oh DS**, Mehendale S, Reed MF. Propensity Matched Comparison of Robotic-Assisted versus Thoracoscopic Lobectomy Outcomes from High Volume Thoracic Surgeons. *Annals of Thoracic Surgery* 2018. ePub Ahead of Print.

*I contributed to the design, data analysis, and manuscript writing for this national administrative database study, which was completed with colleagues from the University of Michigan (RMR) and Penn State University (MFR).*

50. **Oh DS**. The Posterior Approach to Robotic-Assisted Right Upper Lobectomy. *Journal of Thoracic Diseases* 2019;11(Suppl 9):S1161-2.

*I was invited by the editor to write an editorial on this surgical technique.*

51. Sarkaria IS, Gorrepati ML, Mehendale S, **Oh DS**. Lobectomy in Octogenarians: Real World Outcomes for Robotic-Assisted, Video-Assisted Thoracoscopic, and Open Approaches. *Journal of Thoracic Diseases* 2019;11:2420-30.

*I contributed to the design, data analysis and writing of the manuscript, and was senior author. I collaborated with a colleague from the University of Pittsburgh (ISS).*

52. **Oh DS**, Tisol WB, Cesnik L, Crosby A, Cerfolio RJ. Port Strategies for Robotic-Assisted Lobectomy by High-Volume Thoracic Surgeons: A Nationwide Survey. *Innovations* 2019;14:545-52.

*I contributed to the design, data analysis, and writing of the manuscript and was the first author. It is a pragmatic paper instructing surgeons how experts place ports for robotic-assisted lobectomy. I collaborated from colleagues from NYU (RJC) and Aurora Health System in Wisconsin (WBT).*

53. Nguyen D, Sarkaria IS, Song C, Reddy R, Villamizar N, Herrera L, Shi L, Liu E, Rice D, **Oh DS**. Comparative Effectiveness Analysis of Pulmonary Lobectomy by Robotic-Assisted, Video-Assisted Thoracoscopic, and Open Thoracotomy Techniques: Analysis of the Premier Database from 2008-2015. *Journal of Thoracic Diseases* 2020;12:296-306.

*I contributed to the design, data analysis, and writing of the manuscript and was senior author. I collaborated with colleagues from University of Miami (DN, NV), University of Pittsburgh (ISS), University of Michigan (RR), University of Florida (LH), Tulane University (LS), and MD Anderson Cancer Center (DR).*

54. Rajaram R, Rice DC, Li Y, Bruera E, Liu E, Song C, **Oh DS**. Postoperative Opioid Use After Lobectomy for Primary Lung Cancer. *Journal of Thoracic and Cardiovascular Surgery* 2021;162:259-68. PMID 32718706.

*I contributed to the design, data analysis, and writing of the manuscript and was senior author. I collaborated from colleagues from MD Anderson Cancer Center (RR, DCR, EB).*

55. Boys JA\*, Azadgoli B\*, Martinez M\*, **Oh DS**, Hagen JA, DeMeester SR. Adequacy of EGD Reporting: a Review of 100 Reports from 100 Endoscopists. *Journal of Gastrointestinal Surgery* 2020 Epub Ahead of Print June 30. PMID 32607854.

*I contributed to the design, data analysis, and writing of the manuscript. The first three authors were USC trainees at the time of the study.*

56. Schwameis K\*, Oh DS, Green KM, Lin B, Zehetner J, Lipham JC, Hagen JA, DeMeester SR. Clinical Outcome After Laparoscopic Nissen Fundoplication in Patients with GERD and PPI Refractory Heartburn. *Dis Esophagus* 2020;33:doz099. PMID 31942976.

*I contributed to the design and analysis of this study performed at USC.*

57. Sharghi A, Haugerud H, **Oh DS**, Mohareri O. "Automatic Operating Room Surgical Activity Recognition for Robotic-Assisted Surgery." ePrint arXiv.2006.16166 Published June 2020. *International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI)*. ADS Bibliography Code 2020arXiv200616166S.

*I was the site PI for this computer vision research study conducted at our hospital and contributed to the study design and data analysis. This publication is in the computer science and engineering domain and is listed in ADS (SAO/NASA Astrophysics Data System).*



58. Jarocki A, Rice D, Kent M, **Oh DS**, Lin J, Reddy RM. Validity of robotic simulation for high-stakes examination: a pilot study. *J Robotic Surgery* 2021. Online ahead of print. PMID 34053018.

*I was a co-investigator on this study examining the ability to differentiate abilities of attending surgeons from CT residents using simulation drills. This was a collaboration with co-authors from Univ of Michigan, MD Anderson, and Beth Israel Deaconess/Harvard Medical School.*

59. Zervos M, Song A, Li Y, Lee SH, **Oh DS**. Clinical and Economic Outcomes of Using Robotic vs. Hand-Held Staplers during Robotic-Assisted Lobectomy. *Innovations* 2021;16:470-76. PMID 34488486.

*I was the senior author on this real world evidence (RWE) study examining the outcomes of different staplers during robotic-assisted lobectomy. I collaborated with an investigator from NYU (MZ).*

60. Kent MS, Hartwig MG, Vallieres E, Abbas AE, Cerfolio RJ, Dylewski MR, Fabian T, Herrera LJ, Jett KG, Lazzaro RS, Meyers B, Mitzman BA, Reddy RM, Reed MF, Rice DC, Ross P, Sarkaria IS, Schumacher LY, Tisol WB, Wigle DA, Zervos M. Pulmonary Open, Robotic, and Thoracoscopic Lobectomy (PORTaL) Study: An Analysis of 5,721 Cases. *Annals of Surgery* 2021 On Line Ahead of Print. PMID 345534988.

*I helped design and coordinate this multi-center retrospective cohort study comparing the outcomes of different lobectomy techniques. I was acknowledged in the publication but not listed as a co-author due to this being an Intuitive-sponsored study.*

61. Shah PC, de Groot A, Cerfolio R, Huang WC, Huang K, Song C, Li Y, Kreaden U, **Oh DS**. Impact of Minimally Invasive Approach on Open Conversions Across Ten Common Procedures in Different Specialties. *Surgical Endoscopy* 2022. Pre-print on line.

*I was the senior author on this real-world evidence (RWE) study with multiple investigators from NYU to show the impact of robotics on conversion compared to laparoscopy and thoracoscopy. The study was presented at the American College of Surgeons 2021 Clinical Congress.*

62. Lazar JF, Metchik A, Yousaf S, Jarc A, Brown K, Hendersion H, Feins RH, Sancheti MS, Lin J, Yang S, Nesbitt J, D'Souza D, **Oh DS**. Objective Performance Indicators are Associated with Bleeding Events During Robotic-Assisted Lobectomy by Cardiothoracic Surgery Residents. *J Robotic Surgery* 2023 April;17(2)669-76.

*I designed, initiated, and supervised this study comparing objective performance indicators derived from a novel video/kinematic data recorder off the da Vinci surgical system. The abstract was an oral presentation at AATS 2021. It is the first reported application of this training technology in robotic thoracic surgery.*

63. **Oh DS**. Innovations in Robotic Surgery and Recent Developments in the SP Platform. *Ann of Cardiothoracic Surgery* 2023. On Line before print March 31;12(2):126-127.

*I was invited to provide commentary on the advances in robotic thoracic surgery, particularly regarding single port technology.*

## REFEREED JOURNAL ARTICLES IN PRESS (# EACH ARTICLE):

1. Metchik A, Bhattacharyya KD, Yousaf S, Jarc A, **Oh DS**, Lazar JF. A Novel Approach to Quantifying Surgical Workflow in Robotic-Assisted Lobectomy. Submitted for Publication.
2. **Oh DS**, Brown KC, Yousaf S, Nesbitt J, Feins RH, Sancheti MS, Lin J, Yang S, D'Souza D, Jarc A. Novel Objective Performance Indicators Comparing Attending Surgeons and Trainees During Robotic-Assisted Lobectomy on a Perfused Ex Vivo Model: A Pilot Study. Submitted for Publication.
3. **Oh DS**, Langroodi ME, Wee JO, Sancheti M, D'Souza D, Herrera L, Schumacher-Beal L, Shields M, Brown K, Lazar J. "Comparison of GEARS with Objective Performance Indicators for Assessment of Skill During Robotic-Assisted Surgery." Submitted for Publication.

## REFEREED REVIEWS, CHAPTERS, AND EDITORIALS:

1. **Oh DS**, DeMeester SR. "The Pathophysiology of the Columnar Lined Esophagus" in Yeo CJ (Ed): *Shackelford's Surgery of the Alimentary Tract* 6<sup>th</sup> Edition. Saunders-Elsevier: Philadelphia, 2007.
2. **Oh DS**, DeMeester TR. "Barrett's Esophagus: Epidemiology and Pathogenesis" in Jobe B, Thomas C, Hunter J (Eds): *Esophageal Tumors: Principles and Practice*. Demos Medical Publishing: New York, 2009.
3. **Oh DS**, DeMeester SR. "Esophageal Tumors" in Cohn S, Brower S (Eds): *Elective General Surgery: An Evidence Based Approach*. PMPH-USA Publishing: Connecticut, 2012.
4. **Oh DS**, DeMeester SR. "The Pathophysiology of the Columnar Lined Esophagus" in Yeo CJ (Ed): *Shackelford's Surgery of the Alimentary Tract* 7<sup>th</sup> Edition. Saunders-Elsevier: Philadelphia, 2012.
5. **Oh DS**. "Lung Cancer Surgery" in Lee CM (Ed.): *Living and Thriving with Lung Cancer*. Provenir Publishing: Green Acres, WA, 2013.
6. **Oh DS**, McNamee. "Benign Pleural Tumors" in Sugarbaker DJ (Ed): *Adult Chest Surgery* 2<sup>nd</sup> Edition. McGraw Hill: New York, 2015.
7. **Oh DS**, Smith J. "Thoracic Esophagus" in Demetriades D (Ed): *Atlas of Surgical Techniques in Trauma*. Cambridge University Press, 2015.
8. **Oh DS**, DeMeester TR. "Esophageal Anatomy and Function" in *Sabiston and Spencer Surgery of the Chest*, 9<sup>th</sup> Edition. Elsevier, 2015.
9. **Oh DS**, DeMeester SR. "Esophageal Function and GERD" in *Greenfield Textbook of Surgery*, 2017.

10. **Oh DS**, Spechler SJ, Bergman J, Rice TW, Zuccaro G. "Endoscopic Evaluation of the Esophagus and Endoscopic Ultrasonography of the Esophagus" in Yeo CJ (Ed): *Shackelford's Surgery of the Alimentary Tract* 8<sup>th</sup> Edition. Saunders-Elsevier: Philadelphia, 2017 [In Press].
11. **Oh DS**. Editorial for "Only 1.9% of Eligible Heavy Smokers Screened for Lung Cancer" In HemOnc Today, May 17, 2018 [healio.com/hematology-oncology/lung-cancer/news/online/%7Bdfec1010-09bc-4463-adbb-4e242f4d16e9%7D/only-19-of-eligible-heavy-smokers-screened-for-lung-cancer#perspective].
12. **Oh DS**. Editorial for "Lung Cancer Screening Rates Only 2% Across US" in Medscape Medical News, May 22, 2018 [medscape.com/viewarticle/897045#vp\_1]
13. Azizian M, Liu M, Khalaji I, Sorger J, **Oh DS**, DaMiao S. "The da Vinci Surgical System" in *Handbook of Robotic and Image-Guided Surgery*. Elsevier 2020.
14. **Oh DS**, Lundell L. "Quality of Life After Antireflux Surgery" in *Pearson's General Thoracic Textbook*. Published by the Society of Thoracic Surgeons Cardiothoracic Surgery E-Book 2020.

#### **NON-REFEREED JOURNAL ARTICLES, REVIEWS, OR OTHER COMMUNICATIONS:**

1. **Oh DS**. "Lung Cancer: A KoreAm Perspective." KoreAm Magazine. July 2011  
*I wrote about the increased risk of lung cancer in Korean Americans due to a higher prevalence of smoking in that community.*
2. Medical Illustrations for Labropoulos N, Kang SS, Mansour MA, Giannoukas AD, Buckman J, Baker WH. Primary superficial vein reflux with competent saphenous trunk. *European Journal of Vascular and Endovascular Surgery* 1999;18:201-6.  
*I illustrated the anatomic and surgical drawings for the manuscript.*
3. Medical Illustrations for Mansour MA. Management of acute mesenteric ischemia. *Archives of Surgery* 1999;134:328-30.  
*I illustrated the anatomic and surgical drawings for the manuscript.*
4. Medical Illustrations for Labropoulos N, Giannoukas AD, Kostas D, Kang SS, Mansour MA, Buckman J, Katsamouris A, Nicolaidis AN, Littooy FN, Baker WH. The impact of lesser saphenous system incompetence on clinical signs and symptoms of chronic venous disease. *Journal of Vascular Surgery* 2000;32:954-60.  
*I illustrated the anatomic and surgical drawings for the manuscript.*

#### **ABSTRACTS AND PRESENTATIONS (# EACH ENTRY):**

1. Vallbohmer D, DeMeester SR, **Oh DS**, Bank F, Kuramochi H, Shimizu D, Hagen JA, Danenberg KD, Danenberg PV, Chandrasoma PT, Peters JH, DeMeester TR. "Antireflux

- Surgery Normalizes Cyclooxygenase-2 Expression in Squamous Epithelium of the Distal Esophagus." Poster, International Society of Surgeons and Gastroenterologists, Prague, Czech Republic. June 2005.
2. Vallbohmer D, Peters JH, Kuramamochi H, **Oh DS**, Shimizu D, DeMeester SR, Hagen JA, Chandrasoma PT, Danenberg KD, Danenberg PV, DeMeester TR. Matrix Metalloproteinase-2 and Thrombospondin 1: Their Potential as Biomarkers and Their Association in the Development of Esophageal Adenocarcinoma." Poster, Society for Surgery of the Alimentary Tract, Chicago, Illinois
  3. Rizzetto CR, Bremner CG, Hagen JA, DeMeester SR, Lipham J, Gaughan C, Peyre C, Boland, **Oh DS**, DeMeester TR. "Esophagectomy for Adenocarcinoma in the Elderly." Poster, Society for Surgery of the Alimentary Tract, Los Angeles, California. May 2006.
  4. Santo MA, Bremner CG, **Oh DS**, Dunst CM, Hagen JA, DeMeester SR, Lipham J, DeMeester TR. "Patient Dissatisfaction After Laparoscopic Nissen Fundoplication: Relationship to Anatomical and Functional Findings." Poster, Society for Surgery of the Alimentary Tract, Los Angeles, California. May 2006
  5. **Oh DS**, DeMeester SR, Hagen JA, Kuramochi H, Tanaka K, Danenberg KD, Danenberg PV, Peyre CG, Bremner CG, Lipham J, DeMeester TR. "Cox-2 Gene Expression in Long Segment Barrett's Esophagus is Inflammatory in Origin." Poster, Society for Surgery of the Alimentary Tract, Los Angeles, California. May 2006.
  6. **Oh DS**, Tanaka K, DeMeester SR, Yang DY, Kuramochi H, Danenberg KD, Danenberg PV, Bremner CG, Lipham J, DeMeester TR. "Gene Expression of IL-8 and IL-1 $\beta$ : Quantitative Biomarkers of Esophageal Squamous Injury." Poster, American Gastroenterology Association, Los Angeles, California. May 2006
  7. Vallbohmer DV, Marjoram P, Kuramochi H, Shimizu D, Jung H, DeMeester SR, **Oh DS**, Chandrasoma PT, Danenberg KD, DeMeester TR, Danenberg PV, Peters JH. "Towards the Molecular Characterization of Disease: Comparison of Molecular and Histological Analysis of Esophageal Epithelia." Poster, Society for Surgery of the Alimentary Tract, Los Angeles, California. May 2006.
  8. DeMeester SR, **Oh DS**, Kuramochi H, Shimizu D, Danenberg KD, Danenberg PV, Rizzetto C, Hagen JA, Lipham J, DeMeester TR. "Genetic Profile of Adenocarcinoma Predicts Recurrence." Poster, International Association of Surgeons and Gastroenterologists, Madrid, Spain. May 2006.
  9. Kuramochi H, Tanaka K, **Oh DS**, Lehman BJ, Dunst CM, Yang DY, DeMeester SR, Hagen JA, Danenberg KD, DeMeester TR, Danenberg PV. "Thymidylate Synthase Polymorphisms and mRNA Expression Levels as Independent Chemo-Predictive Markers in Esophageal Adenocarcinoma Patients Receiving 5-Fluorouracil Chemotherapy." Poster, American Society of Clinical Oncology (ASCO), Atlanta, Georgia. June 2006.
  10. Mori R, **Oh DS**, Kuramochi H, Tanaka K, Azuma M, Danenberg KD, DeMeester SR, DeMeester TR, Danenberg PV. TSP1 Expression in Relation to VEGF Expression in Barrett's Epithelial Tumorigenesis. Poster, Society for Surgery of the Alimentary Tract, Washington DC. May 2007
  11. **Oh DS**, DeMeester SR, Mori R, Kuramochi H, Cooc J, Shimizu D, Rizzetto C, Danenberg K, Danenberg P, Hagen JA, Lipham JC, DeMeester TR. "Molecular Signature of Esophageal

- Adenocarcinoma Derived from Microarray Analysis of Paraffin Embedded Specimens Predicts Recurrence Following Resection.” Poster, American Society of Clinical Oncology (ASCO), Chicago, Illinois. June 2007.
12. **Oh DS**, DeMeester SR, Mori R, Kuramochi H, Tanaka K, Hagen JA, Danenberg PV, Danenberg KD, Chandrasoma P, DeMeester TR. “Cdx-2 and Sonic Hedgehog Gene Expression in the Proximal, Middle, and Distal Regions of Columnar Mucosa in Long Segment Barrett’s Esophagus.” Poster, American Gastroenterology Association, San Diego, California. May 19, 2008.
  13. \*Grant KS, DeMeester SR, \*Ayazi S, \*Zehetner J, **Oh DS**, Lipham JC, Sohn HJ, DeMeester TR, Hagen JA. “Barrett’s Surveillance Impacts the Frequency of Esophagectomy, Tumor Stage, and Survival in Esophageal Adenocarcinoma.” Poster, American College of Surgeons Clinical Congress, San Francisco, California. October 24, 2011. [\*Trainee]
  14. Augustin F\*, **Oh DS**, Zehetner J, Ayazi S, Grant KS, Lipham JC, Sohn H, DeMeester SR, DeMeester TR, Hagen JA. “The Time of Onset and Duration of Atrial Fibrillation Predict Postoperative Complication and Mortality After Esophagectomy.” Poster, American College of Surgeons Clinical Congress, San Francisco, California. October 24, 2011. [\*Trainee]
  15. Worrell SG\*, **Oh DS**, Greene CL, DeMeester SR, Hagen JA. “Is Endoscopic Ultrasound Staging Necessary in Stenotic Esophageal Tumors?” Poster, American Gastroenterology Association, Orlando, FL. May 20, 2013. [\*Trainee]
  16. Greene CL\*, DeMeester SR, Worrell SG\*, **Oh DS**, Hagen JA, DeMeester TR. “Alimentary Function and Quality of Life 10 or More Years After Esophagectomy with Gastric Pull Up.” Poster, Western Thoracic Surgical Association, Coeur d’Alene, ID. June 29, 2013. [\*Trainee]
  17. Worrell SG\*, **Oh DS**, Greene CL, DeMeester SR, Hagen JA. Pulmonary Lobectomy in Elderly Patients and the Impact of Robotic Technique.” Poster, 14<sup>th</sup> Annual International Lung Cancer Congress, Huntington Beach, CA. July 26, 2013. [\*Trainee]
  18. Karamian BA\*, **Oh DS**, Anderson C, Mahanti S, DeMeester SR, Hagen JA. “Is Robotic Lobectomy Cost-Effective? Clinical and Financial Outcomes.” Poster, 14<sup>th</sup> Annual International Lung Cancer Congress, Huntington Beach, CA. July 26, 2013. [\*Trainee]
  19. Karamian BA\*, **Oh DS**, Anderson C, Mahanti S, DeMeester SR, Hagen JA. “Is Robotic Lobectomy Cost-Effective? Clinical and Financial Outcomes.” Poster, American College of Surgeons Annual Meeting, Washington DC. October 6, 2013. [\*Trainee]
  20. Boys J\*, **Oh DS**, Seto J, Henderson R, DeMeester SR, Hagen JA. “Quantitative Assessment of Esophageal Emptying in Achalasia Patients Using Esophageal Transit Scintigraphy.” Poster, Society for Surgery of the Alimentary Tract Annual Meeting, Chicago, IL. May 2014. [\*Trainee]
  21. **Oh DS**, Yager K, Nelson J, Sibley A, Davis T, Rushton K, Kolquist KA, Kidd J, Morgan A, Hartman AR. “Prognostic Multigene Molecular Assay Might Improve Identification of Pathologic Stage IB Lung Adenocarcinoma Patients At Risk for Recurrence. Poster, International Association for the Study of Lung Cancer (IASLC) 16<sup>th</sup> World Conference on Lung Cancer, Denver, CO. September 2015.
  22. Boys JA\*, Worrell SG\*, Campan M, Scala VA, Tatum JM\*, Hagen JA, Laird-Offringa IA, **Oh DS**. “Feasibility Pilot Study Testing Six DNA Methylation Markers to Improve Detection of

Malignant Pleural Effusions in Lung Cancer.” Poster, International Association for the Study of Lung Cancer (IASLC) 16<sup>th</sup> World Conference on Lung Cancer, Denver, CO. September 2015. [\*Trainee]

23. **Oh DS**, de Groot A, Huang W, Huang K, Shah P, Song C, Li Y, Kreaden U, Cerfolio R. “Impact of Surgical Approach on Rates of Conversion from Minimally Invasive Surgery to Open Surgery Across Different Procedures.” Podium Presentation. American College of Surgeons Clinical Congress. October 17, 2020.
24. Schmidt A, Sharghi A, Haugerud H, **Oh DS**, Mohareri O. “Multi-view Surgical Video Action Detection via Mixed Global View Attention” at MICCAI (Medical Image Computing and Computer Assisted Intervention Society). September 28, 2021.
25. **Oh DS**, Langroodi ME, Wee JO, Sancheti M, D’Souza D, Herrera L, Schumacher-Beal L, Shields M, Brown K, Lazar J. “Comparison of GEARS with Objective Performance Indicators for Assessment of Skill During Robotic-Assisted Surgery.” Podium Presentation. American College of Surgeons Simulation Summit, Chicago, IL. March 3, 2023. Best in Show Award for best oral presentation at meeting.

#### **MEDIA APPEARANCES:**

1. CBS/KCAL 9 TV Interview 2014: I was interviewed on the news at the KCAL studio on the importance of lung cancer research funding and early detection through screening.
2. CBS/KCAL 9 TV Interview 2015: I was interviewed at the American Lung Association fundraising climb about the importance of lung cancer research funding and early detection through screening.
3. Radio Interview KSBR, Saddleback College 2015: I was interviewed about the current landscape of lung cancer, funding issues, and role of CT screening for early detection.
4. CBS/KCAL 9 TV Interview 2016: I was interviewed at the American Lung Association fundraising walk about the importance of lung cancer research funding and early detection through screening.