



Leah Backhus

Thelma and Henry Doelger Professor of Cardiovascular Surgery
Cardiothoracic Surgery

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Cardiothoracic Surgery**

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Bio

BIO

Leah Backhus trained in general surgery at the University of Southern California and cardiothoracic surgery at the University of California Los Angeles. She practices at Stanford Hospital and is Chief of Thoracic Surgery at the VA Palo Alto. Her surgical practice consists of general thoracic surgery with special emphasis on thoracic oncology and minimally invasive surgical techniques. She also has special clinical expertise in adult chest wall surgery (including pectus excavated) and intrathoracic/intrapleural chemotherapy (HITHOC/PITAC) used to treat mesothelioma and other pleural tumors. She is Co-Director of the Thoracic Surgery Clinical Research Program, and has received grant funding through the Veterans Affairs Administration and NIH. Her current research interests are in imaging surveillance following treatment for lung cancer and cancer survivorship. She is a member of the National Lung Cancer Roundtable of the American Cancer Society and the Task Group on Health Equity. As an educator, Dr. Backhus is the Associate Program Director for the Thoracic Track Residency and is former Chair of the ACGME Residency Review Committee for Thoracic Surgery.

CLINICAL FOCUS

- Lung Cancer
- Mesothelioma
- Hyperthermic Intrathoracic Chemotherapy (HITHOC)
- Pectus Excavatum
- Thoracic and Cardiac Surgery
- Minimally Invasive Surgery
- Mediastinal Masses
- Esophageal Cancer
- Lung Volume Reduction Surgery
- Pressurized Intrathoracic Chemotherapy
- Chest Wall Surgery (Tumors and Reconstructions)

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Cardiothoracic Surgery
- Member, Cardiovascular Institute
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Faculty Development, Department of Cardiothoracic Surgery, (2024- present)
- Co- Director, Thoracic Surgery Clinical Research Program, (2015- present)
- Associate Program Director, Thoracic Track, CT Surgery Residency Training Program, (2015- present)

HONORS AND AWARDS

- Extraordinary Women in Cardiothoracic Surgery Award, Society of Thoracic Surgeons (2023)
- McGoan Award for Teaching in Thoracic Surgery, Thoracic Surgery Residents Association (2019)
- Levi Watkins Innovation and Leadership Scholarship, Thoracic Surgery Foundation (2019)
- Faculty Member, Alpha Omega Alpha Honor Society (2018-present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Vice President, Women in Thoracic Surgery (2024 - 2026)
- Deputy Editor, JAMA Surgery (2022 - present)
- Member, Society of University Surgeons (2020 - present)
- Member, American Association for Thoracic Surgery (2019 - present)
- Director-At-Large, Society of Thoracic Surgeons (2019 - 2025)
- Chair, ACGME Thoracic Surgery Resident Review Committee (2019 - 2022)
- Member, International Association for the Study of Lung Cancer, Membership Committee (2017 - present)
- Chair, Task Group, Lung Cancer in Women; National Lung Cancer Roundtable (American Cancer Society) (2017 - 2022)
- Member, American Society of Clinical Oncology (2016 - present)
- Member, American Medical Association (2016 - present)
- Fellow, American College of Surgeons (2013 - present)
- Member, Western Thoracic Surgical Association (2011 - present)
- Member, Society of Thoracic Surgeons (2010 - present)
- Member, Women in Thoracic Surgery (2010 - present)
- Member, Harkins Surgical Society (2010 - 2015)

PROFESSIONAL EDUCATION

- Medical Education: University of Southern California Keck School of Medicine (2000) CA
- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2010)
- Residency: LACplusUSC Dept of Surgery (2007) CA
- Board Certification: General Surgery, American Board of Surgery (2008)
- Residency: UCLA Thoracic Surgery Residency (2009) CA
- MPH, University of Washington , Health Services (2014)
- AB, Stanford University , Human Biology

LINKS

- Follow me on Twitter: https://twitter.com/leahbackhusmd?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor
- Stanford Thoracic Surgery Services: <http://med.stanford.edu/ctsurgery/clinical-care/thoracic-surgery-services.html>
- Make an Appointment: <http://med.stanford.edu/ctsurgery/contact-us.html#division-of-thoracic-surgery>
- Stanford Thoracic Surgery Clinical Research Program: <http://med.stanford.edu/thoracichsr.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>
- CTSNet Profile: <http://www.ctsnet.org/home/lbackhus>
- First North America PITAC Case for Mesothelioma: <https://www.asbestos.com/news/2026/03/30/surgeon-details-first-north-american-pitac-for-mesothelioma/>
- Surgeon's Role in Managing Patients With Resectable NSCLC: <https://youtu.be/hTrqjazk4Qc?si=e6fzHL7N0niuOlm>
- STS Blog: Minimally Invasive Thoracic Surgery: http://ctsurgerypatients.org/from-maximal-to-minimal-in-thoracic-surgery-less-is-more%E2%80%A6but-not-always?_cldee=amFja2JveVWRAc3RhbmZvcuQuZWR1&recipientid=contact-c0a6939f199fde11acb001438bfc3fb-fc21bc8b34b94900bfce3aadf2ee0845&esid=4a0a1bcb-6f03-e711-80d5-00155d24b707
- National Lung Cancer Roundtable: <https://nlcrt.org/about/task-groups/lung-cancer-in-women/>
- Podcast: 6% NancyMD Balance: <https://podcasts.apple.com/us/podcast/the-6-with-nancymd/id1514783559?i=1000479039801>
- STS Building Your Academic Career: https://youtu.be/_Rvs_UaZTeY
- STS Blog: Motherhood and Cardiothoracic Surgery: <https://ctsurgerypatients.org/how-we-balance-motherhood-and-cardiothoracic-surgery>
- Dr. Backhus on Doc McStuffins: <https://www.youtube.com/watch?v=gkwYeIFFcAk>
- NYT Article for WTS: https://www.nytimes.com/2025/11/29/health/women-surgeons.html?unlocked_article_code=1.408.oO1V.aXFw2_WGFvFn&smid=url-share

Teaching

STANFORD ADVISEES

Postdoctoral Research Mentor

Amanda Immidisetti

Publications

PUBLICATIONS

- **Endoscopic findings predictive of pathologic upstaging in T2N0 esophageal cancer** *JTCVS OPEN*
Tsai, L. L., Bommakanti, S., Kapula, N., Satoyoshi, M., Aboujdom, C., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., Berry, M. F.
2026; 29
- **Eligibility and Prognostic Performance of Smoking Duration-Based Versus Pack-Year-Based U.S. National Lung Cancer Screening Criteria Across Racial and Ethnic Groups.** *Annals of internal medicine*
Su, C. C., Ding, V. Y., Ten Haaf, K., Wu, J. T., Freedman, N. D., Backhus, L. M., Leung, A. N., Lui, N. S., Haiman, C. A., Park, S. L., Neal, J. W., Meza, R., Tammemägi, et al
2025
- **A novel robotic-assisted lung lobectomy simulation model.** *JTCVS open*
Chang, C. C., Kapula, N., Kim, J. J., Choi, A., Elliott, I. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Guenthart, B. A., Lui, N. S.
2025; 28: 593-602
- **A novel robotic-assisted lung lobectomy simulation model** *JTCVS OPEN*
Chang, C. C., Kapula, N., Kim, J. J., Choi, A., Elliott, I. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Guenthart, B. A., Lui, N. S.
2025; 28: 593-602
- **Leveraging large language models to extract smoking history from clinical notes for lung cancer surveillance.** *NPJ digital medicine*

Luo, I., Graber-Naidich, A., Zhang, M., Kaushik, R., Nieda, G. M., Chen, T., Gu, B., Choi, E., Ding, V. Y., Gunturkun, F., Satoyoshi, M., Bhat, A., Lee, et al

2025; 8 (1): 731

- **Assessment of Postoperative Chylothorax Volume Threshold Associated with Failed Conservative Management.** *The Annals of thoracic surgery*
Lin, N., Kapula, N., Wallen, B., Kim, J., Manapat, P., Kamtam, D., Guenthart, B., Elliott, I., Lui, N., Backhus, L., Shrager, J., Berry, M., Liou, et al
2025
- **Adherence to Posttreatment Surveillance Guidelines in Non-Small Cell Lung Cancer: Retrospective Cohort Study.** *JMIR cancer*
Randle, R. J., Adams, S. V., Esfahanimonfared, Z., Lin, N., Wu, J., Leung, A., Asch, S. M., Zeliadt, S., Sox-Harris, A., Han, S., Backhus, L. M.
2025; 11: e76515
- **Is Lung Cancer Changing?: Impact of Epidemiologic Data in Thoracic Surgical Practice.** *Surgical oncology clinics of North America*
Lin, N., Chang, C., Backhus, L.
2025; 34 (4): 653-668
- **Accuracy of DOTATATE-positron emission tomography for preoperative nodal staging of carcinoid tumors of the lung.** *JTCVS open*
Tsai, L. L., Bommakanti, S., Sridharan, S., Myall, N. J., Guenthart, B. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Berry, M. F., Shrager, J. B., Elliott, I. A.
2025; 27: 157-163
- **Clinical strategies for lung cancer management: Recommendations from the Bridging the Gaps Lung Cancer Consensus Conference 2024.** *Cancer*
Florez, N., Patel, S., Wakelee, H. A., Rotow, J., Shum, E., Sands, J., Salgia, R., Hirsch, F. R., Peters, S., Sabari, J., Husain, H., Bazhenova, L., Massarelli, et al
2025; 131 (17): e70060
- **Automatic Abstraction of Computed Tomography Imaging Indication Using Natural Language Processing for Evaluation of Surveillance Patterns in Long-Term Lung Cancer Survivors.** *JCO clinical cancer informatics*
Khan, A., Choi, E., Su, C., Graber-Naidich, A., Henry, S., Satoyoshi, M. L., Bhat, A., Kurian, A. W., Liang, S. Y., Neal, J., Gould, M., Leung, A., Wakelee, et al
2025; 9: e2400279
- **Components Necessary for High-Quality Lung Cancer Screening: A 10-Year Update.** *Chest*
Barta, J. A., Arenberg, D., Backhus, L., Detterbeck, F., Gould, M. K., Nair, V. S., Pasquinelli, M., Powell, C. A., Sandler, K., Silvestri, G., Triplett, M., Vachani, A., Wiener, et al
2025
- **Oncoshare-Lung: Novel three-way linkage of neighboring academic and community medical centers to state cancer registry for lung cancer.**
Su, C., Choi, E., Satoyoshi, M., Bhat, A., Chen, T., Ding, V., Khan, A., Lee, T., Wu, J., Henry, S., Desai, M., Neal, J. W., Backhus, et al
LIPPINCOTT WILLIAMS & WILKINS.2025: e23292
- **Frailty and Survival for Diagnoses Feasibly Managed Operatively or Nonoperatively.** *Annals of surgery*
Mosher, E., Nassereldine, H., McKibben, J. C., Johanning, J., Arya, S., Massarweh, N. N., Shah, R., Shinall, M., Shireman, P., Varley, P. R., George, E. L., Youk, A., Backhus, et al
2025
- **Factors and outcomes associated with successful minimally invasive pneumonectomy.** *JTCVS open*
Trobe, W. L., Kapula, N., Elliott, I. A., Guenthart, B. A., Lui, N. S., Backhus, L. M., Berry, M. F., Shrager, J. B., Liou, D. Z.
2025; 24: 423-437
- **Novel Robotic Esophagogastric Anastomosis Simulation Model for Skill Development and Training.** *Annals of thoracic surgery short reports*
Wong, L., Kamtam, D., Kim, J., Wallen, B., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2025; 3 (1): 206-211
- **Community Awareness of Lung Cancer Screening: A Cross-Sectional Survey.** *Annals of thoracic surgery short reports*
Ryan, L. C., Choudhary, S., Kapula, N., Kang, A., Shula, L. G., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2025; 3 (1): 113-117

- **Three-Dimensional Printed Model of the Mediastinum for Cardiothoracic Surgery Resident Education.** *Annals of thoracic surgery short reports*
Byrd, C. T., Trope, W. L., Guo, H. H., Gifford, K., Bhandari, P., Benson, J., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2025; 3 (1): 193-199
- **Utility of PET for Nodal Staging in Subsolid Clinical Stage IA (T1 N0) Lung Adenocarcinoma.** *Annals of thoracic surgery short reports*
Kamtam, D. N., Shrager, J. B., Elliott, I. A., Guo, H. H., Guenthart, B. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Berry, M. F.
2025; 3 (1): 118-122
- **Radiation therapy does not improve survival in patients who are upstaged after esophagectomy for clinical early-stage esophageal adenocarcinoma** *JTCVS OPEN*
Kamtam, D. N., Lin, N., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., Berry, M. F.
2025; 23: 290-308
- **Radiation therapy does not improve survival in patients who are upstaged after esophagectomy for clinical early-stage esophageal adenocarcinoma.** *JTCVS open*
Kamtam, D. N., Lin, N., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., Berry, M. F.
2025; 23: 290-308
- **The association of chylothorax with aggressiveness of lymph node management during pulmonary resection.** *The Annals of thoracic surgery*
Kamtam, D. N., Berry, M. F., Lin, N., Kapula, N., Kim, J. J., Wallen, B., Satoyoshi, M., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, et al
2025
- **Thoracic Surgery Outcomes Research Network (ThORN) Consensus Document on Defining a High Quality Wedge Resection for Early Stage Lung Cancer.** *The Annals of thoracic surgery*
Krantz, S. B., Mitzman, B., Antonoff, M. B., Backhus, L., Broderick, S. R., Brown, L. M., Burg, J. M., Colwell, E., de Hoyos, A., Engelhardt, K., Hasson, R. M., Keshava, H. B., Khullar, et al
2025
- **Practical Guide to Multiomics Big Data Sources.** *JAMA surgery*
Backhus, L., Adkar, S., Klarin, D.
2025
- **The Role of Primary Care Providers in Lung Cancer Screening: A Cross-Sectional Survey** *CLINICAL LUNG CANCER*
Wong, L., Kapula, N., Kang, A., Phadke, A. J., Schechtman, A. D., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2025; 26 (1): 39-44
- **Correction: The performance status gap in immunotherapy for frail patients with advanced non-small cell lung cancer.** *Cancer immunology, immunotherapy : CII*
Wu, J. T., Corrigan, J., Su, C., Dumontier, C., La, J., Khan, A., Arya, S., Harris, A. H., Backhus, L., Das, M., Do, N. V., Brophy, M. T., Han, et al
2024; 74 (1): 34
- **Surgeon specialty and surveillance after resection for non-small cell lung cancer** *JTCVS OPEN*
Lin, N., Wu, J., Adams, S., Asch, S., Zeliadt, S., Sox-Harris, A., Han, S., Backhus, L.
2024; 22: 470-475
- **Commentator Discussion: Gender representation trends in cardiothoracic surgery journal editorial boards** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Higaki, A., Backhus, L., Lee, M. E.
2024; 168 (6): 1581-1582
- **Gender representation in cardiothoracic surgical academia: a call to support women across the globe.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*
Pompili, C., Costa, R., Cangut, B., Opitz, I., Ugalde Figueroa, P., Molena, D., Backhus, L., Blackmon, S., Fiedler, A., Kluin, J., Cleuziou, J., Melfi, F., Fuller, et al
2024; 66 (6)
- **Gender Representation in Cardiothoracic Surgical Academia: A Call to Support Women Across the Globe.** *The Annals of thoracic surgery*

Pompili, C., Costa, R., Cangut, B., Opitz, I., Figueroa, P. U., Molena, D., Backhus, L., Blackmon, S., Fiedler, A., Kluin, J., Cleuziou, J., Melfi, F., Fuller, et al
2024

- **Intersection of Race and Gender in the Cardiothoracic Workforce: Study of Representation and Salary.** *The Annals of thoracic surgery*
Tompkins, A. K., Cooke, D. T., Backhus, L., DiMaio, J. M., Pereira, S. J., Antonoff, M., Merrill, W., Erkmen, C. P.
2024
- **Trends in the Use of Minimally Invasive Approaches to Lobectomy for Early-Stage Lung Cancer Resection: A Nationwide Analysis**
Lin, N., Guenthart, B., Kapula, N., Lui, N., Backhus, L. M., Berry, M.
LIPPINCOTT WILLIAMS & WILKINS.2024: S486
- **JAK inhibition with tofacitinib rapidly increases contractile force in human skeletal muscle.** *Life science alliance*
Shrager, J. B., Randle, R., Lee, M., Ahmed, S. S., Trope, W., Lui, N., Poultsides, G., Liou, D., Visser, B., Norton, J. A., Nesbit, S. M., He, H., Kapula, et al
2024; 7 (11)
- **The Role of Primary Care Providers in Lung Cancer Screening: A Cross-Sectional Survey.** *Clinical lung cancer*
Wong, L. Y., Kapula, N., Kang, A., Phadke, A. J., Schechtman, A. D., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2024
- **Gender Representation in Cardiothoracic Surgical Academia: A call to support women across the globe.** *The Journal of thoracic and cardiovascular surgery*
Pompili, C., Costa, R., Cangut, B., Opitz, I., Ugalde Figueroa, P., Molena, D., Backhus, L., Blackmon, S., Fiedler, A., Kluin, J., Cleuziou, J., Melfi, F., Fuller, et al
2024
- **The American Cancer Society National Lung Cancer Roundtable strategic plan: Lung cancer in women.** *Cancer*
Backhus, L. M., Chang, C. F., Sakoda, L. C., Chambers, S. R., Henderson, L. M., Henschke, C. I., Hollenbeck, G. J., Jacobson, F. L., Martin, L. W., Proctor, E. D., Schiller, J. H., Siegfried, J. M., Wisnivesky, et al
2024
- **Proceedings of the 1st biannual bridging the gaps in lung cancer conference.** *The oncologist*
Florez, N., Patel, S. P., Wakelee, H., Bazhenova, L., Massarelli, E., Salgia, R., Stiles, B., Peters, S., Malhotra, J., Gadgeel, S. M., Nieva, J. J., Afkhami, M., Hirsch, et al
2024
- **Segmentectomy vs Lobectomy for Non-Small Cell Lung Cancer: The Impact of Tumor Location.** *Annals of thoracic surgery short reports*
Wong, L. Y., Kapula, N., Elliott, I. A., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2024; 2 (3): 458-463
- **Racial and Ethnic Differences in Second Primary Lung Cancer Risk among Lung Cancer Survivors.** *JNCI cancer spectrum*
Choi, E., Hua, Y., Su, C. C., Wu, J. T., Neal, J. W., Leung, A. N., Backhus, L. M., Haiman, C., Le Marchand, L., Liang, S., Wakelee, H. A., Cheng, I., Han, et al
2024
- **Greater ipsilateral rectus muscle atrophy after robotic thoracic surgery compared with open and video-assisted thoracoscopic surgery approaches.** *JTCVS open*
Wang, Y., Randle, R. J., Bhandari, P., He, H., Trope, W. L., Guenthart, B. A., Guo, H. H., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2024; 20: 202-209
- **The performance status gap in immunotherapy for frail patients with advanced non-small cell lung cancer.** *Cancer immunology, immunotherapy : CII*
Wu, J. T., Corrigan, J., Su, C., Dumontier, C., La, J., Khan, A., Arya, S., Harris, A. H., Backhus, L., Das, M., Do, N. V., Brophy, M. T., Han, et al
2024; 73 (9): 172
- **Clinical impact of EGFR and KRAS mutations in surgically treated unifocal and multifocal lung adenocarcinoma.** *Translational lung cancer research*
Jiang, J., Berry, M. F., Lui, N. S., Liou, D. Z., Trope, W. L., Backhus, L. M., Shrager, J. B.

2024; 13 (6): 1222-1231

- **Impacts of Positive Margins and Surgical Extent on Outcomes after Early-Stage Lung Cancer Resection.** *The Annals of thoracic surgery*
Wong, L. Y., Dale, R., Kapula, N., Elliott, I. A., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2024
- **Combined Breast and Lung Cancer Screening Among Dual-Eligible Women: A Descriptive Study.** *The Journal of surgical research*
Yue, T., Wong, L. Y., Jani, C., Agarwal, L., Al Omari, O., Aghagoli, G., Ahmed, A., Bhatt, P., Lee, A., Lotz, M., Marmor, H., Paliotti, G., Pories, et al
2024
- **Harnessing Opportunity: Pilot Intervention to Improve Lung Cancer Screening for Women Undergoing Breast Screening Mammography.** *JTO clinical and research reports*
Wong, L., Yue, T., Aghagoli, G., Baiu, I., Shula, L., Lee, A., Lui, N. S., Backhus, L. M.
2024; 5 (6): 100671
- **ASO Visual Abstract: Complications of Outpatient Chest Tube Management for Prolonged Air Leaks After Pulmonary Surgery.** *Annals of surgical oncology*
Randle, R. J., Bhandari, P., He, H., Berry, M. F., Backhus, L. M., Lui, N. S., Liou, D. Z., Shrager, J. B.
2024
- **What is an Adequate Margin During Sublobar Resection of ≤ 3 cm N0 Subsolid Lung Adenocarcinomas?** *The Annals of thoracic surgery*
Kamtam, D. N., Berry, M. F., Lui, N. S., Satoyoshi, M., Elliott, I. A., Liou, D. Z., Guenthart, B., Backhus, L. M., Shrager, J. B.
2024
- **The Society of Thoracic Surgeons Expert Consensus Document on the Management of Pleural Drains following Pulmonary Lobectomy.** *The Annals of thoracic surgery*
Kent, M. S., Mitzman, B., Diaz-Gutierrez, I., Khullar, O. V., Fernando, H., Backhus, L., Brunelli, A., Cassivi, S. D., Cerfolio, R. J., Crabtree, T. D., Kakuturu, J., Martin, L. W., Raymond, et al
2024
- **Barriers to Completing Low Dose Computed Tomography Scan for Lung Cancer Screening.** *Clinical lung cancer*
Wong, L. Y., Choudhary, S., Kapula, N., Lin, M., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2024
- **Randomized controlled trials in lung cancer surgery: How are we doing?** *JTCVS open*
Wong, L. Y., Li, Y., Elliott, I. A., Backhus, L. M., Berry, M. F., Shrager, J. B., Oh, D. S.
2024; 18: 234-252
- **Complications of Outpatient Chest Tube Management for Prolonged Air Leaks After Pulmonary Surgery.** *Annals of surgical oncology*
Randle, R. J., Bhandari, P., He, H., Berry, M. F., Backhus, L. M., Lui, N. S., Liou, D. Z., Shrager, J. B.
2024
- **Lepidic-Type Lung Adenocarcinomas: Is It Safe to Observe for Growth Prior to Treating?** *The Annals of thoracic surgery*
Wong, L. Y., Elliott, I. A., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2024
- **The Impact of Immunotherapy Use in Stage IIIA (T1-2N2) NSCLC: A Nationwide Analysis.** *JTO clinical and research reports*
Wong, L. Y., Liou, D. Z., Roy, M., Elliott, I. A., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2024; 5 (3): 100654
- **Outcomes of surgery for catastrophic hiatal hernia presentations.** *Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract*
Wong, L., Leipzig, M., Elliott, I. A., Liou, D. Z., Backhus, L. M., Shrager, J. B., Berry, M. F.
2024; 28 (3): 285-286
- **Impact of guideline therapy on survival of patients with stage I-III epithelioid mesothelioma.** *Journal of thoracic disease*
Liou, D. Z., Wang, Y., Bhandari, P., Shrager, J. B., Lui, N. S., Backhus, L. M., Berry, M. F.
2023; 15 (12): 6661-6673
- **Risk of developing subsequent primary lung cancer after receiving radiation for breast cancer.** *JTCVS open*

- Wong, L., Kapula, N., He, H., Guenthart, B. A., Vitzthum, L. K., Horst, K., Liou, D. Z., Backhus, L. M., Lui, N. S., Berry, M. F., Shrager, J. B., Elliott, I. A.
2023; 16: 919-928
- **The Impact of Tumor Size on Node Involvement in Typical Lung Carcinoids.** *Annals of thoracic surgery short reports*
Elliott, I. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., Myall, N., Berry, M. F.
2023; 1 (4): 543-547
 - **Comparison of failure to rescue in younger versus elderly patients following lung cancer resection.** *JTCVS open*
Wang, Y., Kapula, N., Yang, C. J., Manapat, P., Elliott, I. A., Guenthart, B. A., Lui, N. S., Backhus, L. M., Berry, M. F., Shrager, J. B., Liou, D. Z.
2023; 16: 855-872
 - **The impact of refusing esophagectomy for treatment of locally advanced esophageal adenocarcinoma.** *JTCVS open*
Wong, L., Elliott, I. A., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2023; 16: 987-995
 - **Impact of hyperthermic intrathoracic chemotherapy (HITHOC) during resection of pleural mesothelioma on patient survival.** *Journal of thoracic disease*
Elliott, I. A., He, H., Lui, N. S., Liou, D. Z., Guenthart, B. A., Shrager, J. B., Berry, M. F., Backhus, L. M.
2023; 15 (11): 6140-6150
 - **Impact of hyperthermic intrathoracic chemotherapy (HITHOC) during resection of pleural mesothelioma on patient survival** *JOURNAL OF THORACIC DISEASE*
Elliott, I. A., He, H., Lui, N. S., Liou, D. Z., Guenthart, B. A., Shrager, J. B., Berry, M. F., Backhus, L. M.
2023
 - **Outcomes of a Failed Observation Approach for Paraesophageal Hernia**
Wong, L., Leipzig, M., Elliott, I. A., Lui, N., Liou, D., Backhus, L. M., Shrager, J. B., Berry, M.
LIPPINCOTT WILLIAMS & WILKINS.2023: S483
 - **Outcomes of a Failed Observation Approach for Paraesophageal Hernia**
Wong, L., Leipzig, M., Elliott, I. A., Lui, N., Liou, D., Backhus, L. M., Shrager, J. B., Berry, M.
LIPPINCOTT WILLIAMS & WILKINS.2023: S483
 - **Second Primary Lung Cancer Among Lung Cancer Survivors Who Never Smoked.** *JAMA network open*
Choi, E., Su, C. C., Wu, J. T., Aredo, J. V., Neal, J. W., Leung, A. N., Backhus, L. M., Lui, N. S., Le Marchand, L., Stram, D. O., Liang, S. Y., Cheng, I., Wakelee, et al
2023; 6 (11): e2343278
 - **Risk Model-Based Lung Cancer Screening and Racial and Ethnic Disparities in the US.** *JAMA oncology*
Choi, E., Ding, V. Y., Luo, S. J., Ten Haaf, K., Wu, J. T., Aredo, J. V., Wilkens, L. R., Freedman, N. D., Backhus, L. M., Leung, A. N., Meza, R., Lui, N. S., Haiman, et al
2023
 - **Risk model-based management for second primary lung cancer among lung cancer survivors through a validated risk prediction model.** *Cancer*
Choi, E., Luo, S. J., Ding, V. Y., Wu, J. T., Kumar, A. V., Wampfler, J., Tammemägi, M. C., Wilkens, L. R., Aredo, J. V., Backhus, L. M., Neal, J. W., Leung, A. N., Freedman, et al
2023
 - **A Tale of Two Presidential Addresses.** *JAMA surgery*
Varghese, T. K., Backhus, L. M., Dimick, J. B.
2023
 - **Overall Survival Among Patients With De Novo Stage IV Metastatic and Distant Metastatic Recurrent Non-Small Cell Lung Cancer.** *JAMA network open*
Su, C. C., Wu, J. T., Choi, E., Myall, N. J., Neal, J. W., Kurian, A. W., Stehr, H., Wood, D., Henry, S. M., Backhus, L. M., Leung, A. N., Wakelee, H. A., Han, et al
2023; 6 (9): e2335813
 - **JAMA Surgery Reaffirmation to Diversity, Equity, and Inclusion.** *JAMA surgery*

- Newman, L. A., Backhus, L. M., Kibbe, M. R.
2023
- **The American Association for Thoracic Surgery (AATS) 2023 Expert Consensus Document: Staging and multidisciplinary management of patients with early-stage non-small cell lung cancer.** *The Journal of thoracic and cardiovascular surgery*
Kidane, B., Bott, M., Spicer, J., Backhus, L., Chaft, J., Chudgar, N., Colson, Y., D'Amico, T. A., David, E., Lee, J., Najmeh, S., Sepesi, B., Shu, et al
2023
 - **The impact of neoadjuvant immunotherapy on perioperative outcomes and survival after esophagectomy for esophageal cancer.** *JTCVS open*
Wong, L., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2023; 14: 547-560
 - **Characterization of Epidural Analgesia Interruption and Associated Outcomes After Esophagectomy.** *The Journal of surgical research*
Byrd, C. T., Kim, R. K., Manapat, P., He, H., Tsui, B. C., Shrager, J. B., Berry, M. F., Backhus, L. M., Lui, N. S., Liou, D. Z.
2023; 290: 92-100
 - **Surgical Management of Esophageal Perforation: Examining Trends in a Multi-Institutional Cohort.** *Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract*
Wong, L. Y., Leipzig, M., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2023
 - **ASO Visual Abstract: Impact of Delaying Surgery After Chemoradiation on Outcomes for Locally Advanced Esophageal Squamous Cell Carcinoma.** *Annals of surgical oncology*
Wong, L. Y., Liou, D. Z., Vitzthum, L. K., Backhus, L. M., Lui, N. S., Chang, D., Shrager, J. B., Berry, M. F.
2023
 - **A hybrid modelling approach for abstracting CT imaging indications by integrating natural language processing from radiology reports with structured data from electronic health records.**
Khan, A., Wu, J., Choi, E., Graber-Naidich, A., Henry, S., Wakelee, H. A., Kurian, A. W., Liang, S., Leung, A., Langlotz, C., Backhus, L. M., Han, S. S.
AMER ASSOC CANCER RESEARCH.2023
 - **Does delaying surgery following induction chemotherapy compromise survival in patients with mesothelioma?** *JOURNAL OF CANCER METASTASIS AND TREATMENT*
Wong, L., Baiu, I., Leipzig, M., Titan, A., Liou, D. Z., Lui, N., Berry, M., Shrager, J. B., Backhus, L.
2023; 9
 - **Impact of Delaying Surgery After Chemoradiation on Outcomes for Locally Advanced Esophageal Squamous Cell Carcinoma.** *Annals of surgical oncology*
Wong, L., Liou, D. Z., Vitzthum, L. K., Backhus, L. M., Lui, N. S., Chang, D., Shrager, J. B., Berry, M. F.
2022
 - **Diversity, Equity, and Inclusion: Visiting The Society of Thoracic Surgeons Priority** *ANNALS OF THORACIC SURGERY*
Hayanga, J., Chatterjee, S., Balsara, K., Backhus, L., Wolf, S., Preventza, O., Horvath, K. A., Lahey, S., Soc Thoracic urgeons Workforce
2023; 115 (1): 25-33
 - **Generating Rare Surgical Events Using CycleGAN: Addressing Lack of Data for Artificial Intelligence Event Recognition.** *The Journal of surgical research*
Mohamadipanah, H., Kearsse, L., Wise, B., Backhus, L., Pugh, C.
2022; 283: 594-605
 - **Risk of adenocarcinoma in patients with a suspicious ground-glass opacity: a retrospective review.** *Journal of thoracic disease*
Roy, E., Shrager, J., Benson, J., Trope, W. L., Bhandari, P., Lui, N., Liou, D., Backhus, L., Berry, M. F.
2022; 14 (11): 4236-4245
 - **Lobar versus sublobar resection in clinical stage IA primary lung cancer with occult N2 disease.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*
Liou, D. Z., Chan, M., Bhandari, P., Lui, N. S., Backhus, L. M., Shrager, J. B., Berry, M. F.
2022
 - **Risk of adenocarcinoma in patients with a suspicious ground-glass opacity: a retrospective review** *JOURNAL OF THORACIC DISEASE*

- Roy, E., Shrager, J., Benson, J., Trope, W., Bhandari, P., Lui, N., Liou, D., Backhus, L., Berry, M. F.
2022
- **Eligibility for Lung Cancer Screening Among Women Receiving Screening for Breast Cancer.** *JAMA network open*
Titan, A. L., Baiu, I., Liou, D., Lui, N. S., Berry, M., Shrager, J., Backhus, L.
2022; 5 (9): e2233840
 - **Demographics of Current and Aspiring Integrated Six-Year Cardiothoracic Surgery Trainees.** *The Annals of thoracic surgery*
Olive, J. K., Yost, C. C., Robinson, J. A., Brescia, A. A., Han, J. J., Haney, J. C., Forbess, J. M., Varghese, T. K., Backhus, L. M., Cooke, D. T.,
Cornwell, L. D., Preventza, O. A.
2022
 - **Genomic Profiling of Bronchoalveolar Lavage Fluid in Lung Cancer.** *Cancer research*
Nair, V. S., Hui, A. B., Chabon, J. J., Shahrokh Esfahani, M., Stehr, H., Nabet, B. Y., Zhou, L., Chaudhuri, A. A., Benson, J. A., Ayers, K., Bedi, H.,
Ramsey, M. C., Van Wert, et al
2022
 - **Long term effect of radiotherapy on risk of second primary lung cancer and overall mortality among lung cancer patients**
Choi, E., Lam, V. T., Aredo, J. A., Kumar, A. V., Wampfler, J., Wu, J. T., Christiani, D. C., Cheng, I., Amos, C. I., Hung, R. J., Backhus, L. M., Neal, J.
W., Wakelee, et al
AMER ASSOC CANCER RESEARCH.2022
 - **Performance of a rule-based semi-automated method to optimize chart abstraction for surveillance imaging among patients treated for non-small cell lung cancer.** *BMC medical informatics and decision making*
Byrd, C., Ajawara, U., Laundry, R., Radin, J., Bhandari, P., Leung, A., Han, S., Asch, S. M., Zeliadt, S., Harris, A. H., Backhus, L.
2022; 22 (1): 148
 - **Career Progression and Research Productivity of Women in Academic Cardiothoracic Surgery.** *The Annals of thoracic surgery*
Williams, K. M., Wang, H., Bajaj, S. S., Hironaka, C. E., Kasinpila, P., O'Donnell, C. T., Sanchez, M., Watkins, A. C., Lui, N. S., Backhus, L. M., Boyd,
J.
2022
 - **Half of Anastomotic Leaks after Esophagectomy are Undetected on Initial Postoperative Esophagram.** *The Annals of thoracic surgery*
Elliott, I. A., Berry, M. F., Trope, W., Lui, N. S., Guenthart, B. A., Liou, D. Z., Whyte, R. I., Backhus, L. M., Shrager, J. B.
2022
 - **Moving the Needle ... Evidence of Durability of Impact REPLY ANNALS OF THORACIC SURGERY**
Williams, K. M., Backhus, L. M.
2022; 113 (5): 1758-1759
 - **Moving the Needle. . .Evidence of Durability of Impact ANNALS OF THORACIC SURGERY**
Williams, K. M., Backhus, L. M.
2022; 113 (5): 1758-1759
 - **Positron emission tomography/computed tomography differentiates resectable thymoma from anterior mediastinal lymphoma.** *The Journal of thoracic and cardiovascular surgery*
Byrd, C. T., Trope, W. L., Bhandari, P., Konsker, H. B., Moradi, F., Lui, N. S., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B.
2022
 - **Examination of Intersectionality and the Pipeline for Black Academic Surgeons.** *JAMA surgery*
Keshinro, A., Butler, P., Fayanju, O., Khabele, D., Newman, E., Greene, W., Ude Welcome, A., Joseph, K., Stallion, A., Backhus, L., Frangos, S.,
DiMaggio, C., Berman, et al
2022
 - **Social Disparities in Lung Cancer.** *Thoracic surgery clinics*
Elliott, I., Gonzalez, C., Backhus, L., Lui, N.
2022; 32 (1): 33-42
 - **The impact of gender bias in cardiothoracic surgery in Europe: a European Society of Thoracic Surgeons and European Association for Cardio-Thoracic Surgery survey.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*

Pompili, C., Opitz, I., Backhus, L., Leschber, G., Veronesi, G., Lauk, O., Novoa, N., Daddi, N., Deglurkar, I., Cleuziou, J., Emrich, A. L., D'Auria, F., Kluin, et al
1800

- **A brief overview of thoracic surgery in the United States.** *Journal of thoracic disease*
Byrd, C. T., Williams, K. M., Backhus, L. M.
2022; 14 (1): 218-226
- **A brief overview of thoracic surgery in the United States** *JOURNAL OF THORACIC DISEASE*
Byrd, C. T., Williams, K. M., Backhus, L. M.
2021
- **Consensus for Thoracoscopic Lower Lobectomy: Essential Components and Targets for Simulation.** *The Annals of thoracic surgery*
Erwin, P. A., Lee, A. C., Ahmad, U., Antonoff, M., Arndt, A., Backhus, L., Berry, M., Birdas, T., Cassivi, S. D., Chang, A. C., Cooke, D. T., Crabtree, T., DeCamp, et al
2021
- **The Academic Impact of Advanced Clinical Fellowship Training among General Thoracic Surgeons.** *Journal of surgical education*
Patel, D. C., Wang, H., Bajaj, S. S., Williams, K. M., Pickering, J. M., Heiler, J. C., Manjunatha, K., O'Donnell, C. T., Sanchez, M., Boyd, J. H., Backhus, L. M.
2021
- **Rationale and design of a mechanistic clinical trial of JAK inhibition to prevent ventilator-induced diaphragm dysfunction.** *Respiratory medicine*
Shrager, J. B., Wang, Y., Lee, M., Nesbit, S., Trope, W., Konsker, H., Fatodu, E., Berry, M. S., Poulstides, G., Norton, J., Burdon, T., Backhus, L., Cooke, et al
2021; 189: 106620
- **Induction therapy is not associated with improved survival in large cT4N0 non-small cell lung cancers.** *The Annals of thoracic surgery*
Sun, B. J., Bhandari, P., Jeffrey Yang, C., Berry, M. F., Shrager, J. B., Backhus, L. M., Lui, N. S., Liou, D. Z.
2021
- **Surgical resection for patients with pulmonary aspergillosis in the national inpatient sample.** *Journal of thoracic disease*
Patel, D. C., Bhandari, P., Epstein, D. J., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2021; 13 (8): 4977-4987
- **Short-term and intermediate-term readmission after esophagectomy.** *Journal of thoracic disease*
Wang, Y., Yang, C. J., He, H., Buchan, J. M., Patel, D. C., Liou, D. Z., Lui, N. S., Berry, M. F., Shrager, J. B., Backhus, L. M.
2021; 13 (8): 4678-4689
- **Surgical resection for patients with pulmonary aspergillosis in the national inpatient sample** *JOURNAL OF THORACIC DISEASE*
Patel, D. C., Bhandari, P., Epstein, D. J., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2021
- **Short-term and intermediate-term readmission after esophagectomy** *JOURNAL OF THORACIC DISEASE*
Wang, Y., Yang, C., He, H., Buchan, J. M., Patel, D. C., Liou, D. Z., Lui, N. S., Berry, M. F., Shrager, J. B., Backhus, L. M.
2021
- **Early Discharge after Lobectomy for Lung Cancer does not Equate to Early Readmission.** *The Annals of thoracic surgery*
Patel, D. C., Leipzig, M., Jeffrey Yang, C., Wang, Y., Shrager, J. B., Backhus, L. M., Lui, N. S., Liou, D. Z., Berry, M. F.
2021
- **Influence of facility volume on long-term survival of patients undergoing esophagectomy for esophageal cancer.** *The Journal of thoracic and cardiovascular surgery*
Patel, D. C., Jeffrey Yang, C., He, H., Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2021
- **The role of gender in non-small cell lung cancer: a narrative review** *JOURNAL OF THORACIC DISEASE*
Baiu, I., Titan, A. L., Martin, L. W., Wolf, A., Backhus, L.
2021; 13 (6): 3816-3826

- **The role of gender in non-small cell lung cancer: a narrative review.** *Journal of thoracic disease*
Baiu, I., Titan, A. L., Martin, L. W., Wolf, A., Backhus, L.
2021; 13 (6): 3816-3826
- **A new model using artificial intelligence to predict recurrence after surgical resection of stage I-II non-small cell lung cancer.**
Lui, N., Wei, N., Trope, W., Nesbit, S., Bhandari, P., Lee, C., Hu, H., Guo, H., Liou, D. Z., Shrager, J. B., Backhus, L., Berry, M. F., Yang, et al
LIPPINCOTT WILLIAMS & WILKINS.2021
- **The Survival Impact of Second Primary Lung Cancer in Patients with Lung Cancer**
Choi, E., Luo, S., Aredo, J., Wilkens, L., Leung, A., Le Marchand, L., Cheng, I., Wakelee, H., Han, S.
AMER THORACIC SOC.2021
- **Investigating gene expression profiles associated with clinical radiation resistance in KEAP1/NFE2L2 wildtype lung cancer.**
Binkley, M. S., Jeon, Y., Nesselbush, M., Moding, E. J., Nabet, B., Almanza, D., Yoo, C., Kurtz, D. M., Owen, S., Backhus, L. M., Berry, M. F.,
Shrager, J. B., Ramchandran, et al
AMER ASSOC CANCER RESEARCH.2021
- **Cancer diagnoses and survival rise as 65-year-olds become Medicare-eligible.** *Cancer*
Patel, D. C., He, H., Berry, M. F., Yang, C. J., Trope, W. L., Wang, Y., Lui, N. S., Liou, D. Z., Backhus, L. M., Shrager, J. B.
2021
- **Strong for Surgery: Association Between Bundled Risk Factors and Outcomes After Major Elective Surgery in the VA Population.** *World journal of surgery*
Liou, D. Z., Patel, D. C., Bhandari, P., Wren, S. M., Marshall, N. J., Harris, A. H., Shrager, J. B., Berry, M. F., Lui, N. S., Backhus, L. M.
2021
- **Seeing is Believing.** *The Annals of thoracic surgery*
Williams, K. M., Backhus, L. M.
2021
- **Global analysis of shared T cell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery.** *Immunity*
Chiou, S. H., Tseng, D. n., Reuben, A. n., Mallajosyula, V. n., Molina, I. S., Conley, S. n., Wilhelmy, J. n., McSween, A. M., Yang, X. n., Nishimiya, D.
n., Sinha, R. n., Nabet, B. Y., Wang, et al
2021; 54 (3): 586–602.e8
- **Perioperative Outcomes After Combined Esophagectomy and Lung Resection.** *The Journal of surgical research*
Patel, D. C., Bhandari, P., Shrager, J. B., Berry, M. F., Backhus, L. M., Lui, N. S., Liou, D. Z.
2021; 270: 413-420
- **Impact of Low-Dose CT Screening for Primary Lung Cancer on Subsequent Risk of Brain Metastasis.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Su, C. C., Wu, J. T., Neal, J. W., Popat, R. A., Kurian, A. W., Backhus, L. M., Nagpal, S., Leung, A. N., Wakelee, H. A., Han, S. S.
2021
- **The Survival Impact of Second Primary Lung Cancer in Patients with Lung Cancer.** *Journal of the National Cancer Institute*
Choi, E., Luo, S. J., Aredo, J. V., Backhus, L. M., Wilkens, L. R., Su, C. C., Neal, J. W., Le Marchand, L., Cheng, I., Wakelee, H. A., Han, S. S.
2021
- **Moving the Needle...Evidence of Durability of Impact.** *The Annals of thoracic surgery*
Williams, K. M., Backhus, L. M.
2021
- **Women in thoracic surgery: lesson learned from medical industry partners.** *Journal of thoracic disease*
Pompili, C., Bruls, A., Elswick, E., Masschelein, K., Backhus, L.
2021; 13 (1): 485–91
- **US women in thoracic surgery: reflections on the past and opportunities for the future.** *Journal of thoracic disease*
Preventza, O., Backhus, L.
2021; 13 (1): 473–79

- **Time for change: women leading in cardiothoracic surgery, a global perspective.** *Journal of thoracic disease*
Pompili, C., Backhus, L.
2021; 13 (1): 430–31
- **Use of a Personalized Multimedia Education Platform Improves Preoperative Teaching for Lung Cancer Patients.** *Seminars in thoracic and cardiovascular surgery*
Benson, J. n., Bhandari, P. n., Lui, N. n., Berry, M. n., Liou, D. Z., Shrager, J. n., Ayers, K. n., Backhus, L. M.
2021
- **Society of Thoracic Surgeons (STS) Virtual Conference Taskforce: Recommendations for Hosting a Virtual Surgical Meeting.** *The Annals of thoracic surgery*
Antonoff, M. B., Mitzman, B., Backhus, L., Bradbury, S. T., Chatterjee, S., Cooke, D. T., Crestanello, J., Goldstone, A. B., Kim, K. M., Nguyen, T. C., Romano, J. C., Vaporciyan, A. A., Varghese, et al
2020
- **Esophageal Cancer Surgery.** *JAMA*
Baiu, I., Backhus, L.
2020; 324 (15): 1580
- **Early Discharge Does Not Equate to Early Return for Patients Undergoing Lobectomy for Lung Cancer: A National Analysis**
Patel, D. C., Leipzig, M., Yang, C., Wang, Y., Shrager, J. B., Backhus, L. M., Lui, N. S., Liou, D. Z., Berry, M. F.
ELSEVIER SCIENCE INC.2020: S288
- **Greater Ipsilateral Rectus Muscle Atrophy after Robotic Thoracic Surgery Compared to Open and VATS Approaches**
Wang, Y., Bhandari, P., Trope, W., Guenthart, B. A., Guo, H., Liou, D., Backhus, L. M., Berry, M., Ben Shrager, J., Lui, N.
ELSEVIER SCIENCE INC.2020: S289
- **Institutional factors associated with adherence to quality measures for stage I and II non-small cell lung cancer.** *The Journal of thoracic and cardiovascular surgery*
Khorfan, R., Cooke, D. T., Meguid, R. A., Backhus, L., Varghese, T. K., Farjah, F., Bilimoria, K. Y., Odell, D. D., ThORN Collaborative, Khorfan, R., Cooke, D. T., Meguid, R. A., Backhus, L., et al
2020
- **Transitioning from VATS to robotic lobectomy VIDEO-ASSISTED THORACIC SURGERY**
Backhus, L. M.
2020; 5
- **KEAP1/NFE2L2 mutations to predict local recurrence after radiotherapy but not surgery in localized non-small cell lung cancer.**
Binkley, M. S., Jeon, Y., Nesselbush, M., Moding, E. J., Nabet, B., Almanza, D. S., Yoo, C., Kurtz, D., Owen, S., Backhus, L., Berry, M. F., Shrager, J. B., Ramchandran, et al
AMER SOC CLINICAL ONCOLOGY.2020
- **Cancer diagnoses and survival rise as 65-year-olds become Medicare eligible.**
Patel, D. C., He, H., Berry, M. F., Yang, C., Trope, W., Lui, N., Liou, D. Z., Backhus, L., Shrager, J. B.
AMER SOC CLINICAL ONCOLOGY.2020
- **Discovery of a novel shared tumor antigen in human lung cancer.**
Tseng, D., Chiou, S., Yang, X., Reuben, A., Wilhelmy, J., McSween, A., Conley, S., Sinha, R., Nabet, B., Wang, C., Shrager, J. B., Berry, M. F., Backhus, et al
AMER SOC CLINICAL ONCOLOGY.2020
- **Sub-solid lung adenocarcinoma in Asian versus Caucasian patients: different biology but similar outcomes.** *Journal of thoracic disease*
Lui, N. S., Benson, J., He, H., Imielski, B. R., Kunder, C. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B.
2020; 12 (5): 2161-2171
- **Sub-solid lung adenocarcinoma in Asian versus Caucasian patients: different biology but similar outcomes** *JOURNAL OF THORACIC DISEASE*
Lui, N. S., Benson, J., He, H., Imielski, B. R., Kunder, C. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B.
2020; 12 (5): 2161–71
- **A Call to Action: Black/African American Women Surgeon Scientists, Where are They?** *Annals of surgery*

- Berry, C., Khabele, D., Johnson-Mann, C., Henry-Tillman, R., Joseph, K., Turner, P., Pugh, C., Fayanju, O. M., Backhus, L., Sweeting, R., Newman, E. A., Oseni, T., Hasson, et al
2020
- **Consensus for Thoracoscopic Left Upper Lobectomy-Essential Components and Targets for Simulation.** *The Annals of thoracic surgery*
Bryan, D. S., Ferguson, M. K., Antonoff, M. B., Backhus, L. M., Birdas, T. J., Blackmon, S. H., Boffa, D. J., Chang, A. C., Chmielewski, G. W., Cooke, D. T., Donington, J. S., Gaissert, H. A., Hagen, et al
2020
 - **Transcervical Thymectomy is the Most Cost-Effective Surgical Approach in Myasthenia Gravis.** *The Annals of thoracic surgery*
Sholtis, C. n., Teymourtash, M. n., Berry, M. n., Backhus, L. n., Bhandari, P. n., He, H. n., Benson, J. n., Wang, Y. Y., Yevudza, E. n., Lui, N. n., Shrager, J. n.
2020
 - **Does size matter? A national analysis of the utility of induction therapy for large thymomas.** *Journal of thoracic disease*
Liou, D. Z., Ramakrishnan, D. n., Lui, N. S., Shrager, J. B., Backhus, L. M., Berry, M. F.
2020; 12 (4): 1329–41
 - **Women in Thoracic Surgery Scholarship: Impact on Career Path and Interest in Cardiothoracic Surgery.** *The Annals of thoracic surgery*
Williams, K. M., Hironaka, C. E., Wang, H. n., Bajaj, S. S., O'Donnell, C. T., Sanchez, M. n., Boyd, J. n., Kane, L. n., Backhus, L. n.
2020
 - **The Role of Race and Gender in the Career Experiences of Black/African-American Academic Surgeons: A Survey of the Society of Black Academic Surgeons and a Call to Action.** *Annals of surgery*
Crown, A. n., Berry, C. n., Khabele, D. n., Fayanju, O. M., Cobb, A. n., Backhus, L. n., Smith, R. n., Sweeting, R. n., Hasson, R. n., Johnson-Mann, C. n., Oseni, T. n., Newman, E. A., Turner, et al
2020
 - **KEAP1/NFE2L2 mutations predict lung cancer radiation resistance that can be targeted by glutaminase inhibition.** *Cancer discovery*
Binkley, M. S., Jeon, Y. J., Nesselbush, M. n., Moding, E. J., Nabet, B. Y., Almanza, D. n., Kunder, C. n., Stehr, H. n., Yoo, C. H., Rhee, S. n., Xiang, M. n., Chabon, J. J., Hamilton, et al
2020
 - **Paradoxical Motion on Sniff Test Predicts Greater Improvement Following Diaphragm Plication.** *The Annals of thoracic surgery*
Patel, D. C., Berry, M. F., Bhandari, P. n., Backhus, L. M., Raees, S. n., Trope, W. n., Nash, A. n., Lui, N. S., Liou, D. Z., Shrager, J. B.
2020
 - **Commentary: Lung cancer outcomes reporting within the VA system: room for improvement.** *Seminars in thoracic and cardiovascular surgery*
Guenthart, B. A., Backhus, L. M., Lui, N. S.
2020
 - **A National Analysis of Treatment Patterns and Outcomes for Patients 80 Years or Older with Esophageal Cancer.** *Seminars in thoracic and cardiovascular surgery*
Yang, C. J., Wang, Y. n., Raman, V. n., Patel, D. n., Lui, N. n., Backhus, L. n., Shrager, J. n., Berry, M. F., Liou, D. n.
2020
 - **What Is a Tracheostomy?** *JAMA*
Baiu, I., Backhus, L.
2019; 322 (19): 1932
 - **The Oldest Old: A National Analysis of Outcomes for Patients 90 Years or Older With Lung Cancer.** *The Annals of thoracic surgery*
Yang, C. J., Brown, A. B., Deng, J. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., D'Amico, T. A., Berry, M. F.
2019
 - **National Evaluation of Short-Term and Intermediate-Term Readmission after Esophagectomy**
Yang, C. J., Wang, Y., He, H., Liou, D., Lui, N., Berry, M. F., Shrager, J., Backhus, L.
ELSEVIER SCIENCE INC.2019: S279–S280
 - **Management of Benign Esophageal Perforation in the National Inpatient Sample**
Lui, N., Bhandari, P., Backhus, L., Liou, D., Shrager, J., Berry, M. F.
ELSEVIER SCIENCE INC.2019: E209

- **Report from the Workforce on Diversity & Inclusion - Society of Thoracic Surgeons Members' Bias Experiences.** *The Annals of thoracic surgery*
Erhunmwunsee, L., Backhus, L. M., Godoy, L., Edwards, M. A., Cooke, D. T.
2019
- **Unconscious Bias: Addressing the Hidden Impact on Surgical Education.** *Thoracic surgery clinics*
Backhus, L. M., Lui, N. S., Cooke, D. T., Bush, E. L., Enumah, Z., Higgins, R.
2019; 29 (3): 259–67
- **STS, ESTS and JACS survey on surveillance practices after surgical resection of lung cancer.** *Interactive cardiovascular and thoracic surgery*
Pompili, C., Edwards, M., Bhandari, P., Novoa, N., Hasegawa, S., Yoshino, I., Chida, M., Brunelli, A., Naunheim, K., Backhus, L.
2019
- **Optimizing health before elective thoracic surgery: systematic review of modifiable risk factors and opportunities for health services research** *JOURNAL OF THORACIC DISEASE*
Stokes, S. M., Wakeam, E., Antonoff, M. B., Backhus, L. M., Meguid, R. A., Odell, D., Varghese, T. K.
2019; 11: S537–S554
- **Optimizing health before elective thoracic surgery: systematic review of modifiable risk factors and opportunities for health services research.** *Journal of thoracic disease*
Stokes, S. M., Wakeam, E., Antonoff, M. B., Backhus, L. M., Meguid, R. A., Odell, D., Varghese, T. K.
2019; 11 (Suppl 4): S537-S554
- **The influence of hormone replacement therapy on lung cancer incidence and mortality.** *The Journal of thoracic and cardiovascular surgery*
Titan, A. L., He, H. n., Lui, N. n., Liou, D. n., Berry, M. n., Shrager, J. B., Backhus, L. M.
2019
- **A national analysis of open versus minimally invasive thymectomy for stage I to III thymoma.** *The Journal of thoracic and cardiovascular surgery*
Yang, C. J., Hurd, J. n., Shah, S. A., Liou, D. n., Wang, H. n., Backhus, L. M., Lui, N. S., D'Amico, T. A., Shrager, J. B., Berry, M. F.
2019
- **An Exploration of Myths, Barriers and Strategies for Improving Diversity Among STS Members.** *The Annals of thoracic surgery*
Backhus, L. M., Kpodonu, J. n., Romano, J. C., Pelletier, G. n., Preventza, O. n., Cooke, D. T.
2019
- **Thirty-day unplanned postoperative inpatient and emergency department visits following thoracotomy.** *The Journal of surgical research*
Shaffer, R., Backhus, L., Finnegan, M. A., Remington, A. C., Kwong, J. Z., Curtin, C., Hernandez-Boussard, T.
2018; 230: 117–24
- **Bundled Strong for Surgery Optimization Targets Strongly Linked to Cardiac Surgery Outcomes**
Burdon, T., Bhandari, P., Marshall, N., Harris, A., Fann, J. I., Burdon, T. A., Backhus, L. M.
ELSEVIER SCIENCE INC.2018: S42
- **Thirty-day unplanned postoperative inpatient and emergency department visits following thoracotomy** *JOURNAL OF SURGICAL RESEARCH*
Shaffer, R., Backhus, L., Finnegan, M. A., Remington, A. C., Kwong, J. Z., Curtin, C., Hernandez-Boussard, T.
2018; 230: 117–24
- **Culture of Safety and Gender Inclusion in Cardiothoracic Surgery** *ANNALS OF THORACIC SURGERY*
Backhus, L. M., Fann, B. E., Hui, D. S., Cooke, D. T., Berfield, K. S., Moffatt-Bruce, S. D.
2018; 106 (4): 951–58
- **Culture of Safety and Gender Inclusion in Cardiothoracic Surgery.** *The Annals of thoracic surgery*
Backhus, L. M., Fann, B. E., Hui, D. S., Cooke, D. T., Berfield, K. S., Moffatt-Bruce, S. D.
2018
- **Induction therapy for locally advanced distal esophageal adenocarcinoma: Is radiation Always necessary?**
Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
MOSBY-ELSEVIER.2018: 2697–2705

- **Intraoperative costs of video-assisted thoracoscopic lobectomy can be dramatically reduced without compromising outcomes** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Richardson, M. T., Backhus, L. M., Berry, M. F., Vail, D. G., Ayers, K. C., Benson, J. A., Bhandari, P., Teymourtash, M., Shrager, J. B.
2018; 155 (3): 1267-+
- **Induction therapy for locally advanced distal esophageal adenocarcinoma: Is radiation Always necessary?** *The Journal of thoracic and cardiovascular surgery*
Liou, D. Z., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
2018
- **Patients reported outcomes in thoracic surgery** *JOURNAL OF THORACIC DISEASE*
Pompili, C., Absolom, K., Velikova, G., Backhus, L.
2018; 10 (2): 703–6
- **Protocol and pilot testing: The feasibility and acceptability of a nurse-led telephone-based palliative care intervention for patients newly diagnosed with lung cancer** *CONTEMPORARY CLINICAL TRIALS*
Reinke, L. F., Vig, E. K., Tartaglione, E. V., Backhus, L. M., Gunnink, E., Au, D. H.
2018; 64: 30–34
- **Unhealthy alcohol use is associated with postoperative complications in veterans undergoing lung resection.** *Journal of thoracic disease*
Graf, S. A., Zeliadt, S. B., Rise, P. J., Backhus, L. M., Zhou, X. H., Williams, E. C.
2018; 10 (3): 1648–56
- **Progress in the Management of Early-Stage Non-Small Cell Lung Cancer in 2017.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Donington, J. S., Kim, Y. T., Tong, B. n., Moreira, A. L., Bessich, J. n., Weiss, K. D., Colson, Y. L., Wigle, D. n., Osarogiagbon, R. U., Zweig, J. n., Wakelee, H. n., Blasberg, J. n., Daly, et al
2018; 13 (6): 767–78
- **Presence of Even a Small Ground-Glass Component in Lung Adenocarcinoma Predicts Better Survival** *CLINICAL LUNG CANCER*
Berry, M. F., Gao, R., Kunder, C. A., Backhus, L., Khuong, A., Kadoch, M., Leung, A., Shrager, J.
2018; 19 (1): E47–E51
- **Survival and risk factors for progression after resection of the dominant tumor in multifocal, lepidic-type pulmonary adenocarcinoma**
Gao, R. W., Berry, M. F., Kunder, C. A., Khuong, A. A., Wakelee, H., Neal, J. W., Backhus, L. M., Shrager, J. B.
MOSBY-ELSEVIER.2017: 2092-+
- **Occam's Razor versus Hickam's Dictum** *ANNALS OF THE AMERICAN THORACIC SOCIETY*
Newman, T. A., Takasugi, J. E., Matute-Bello, G., Virgin, J. B., Backhus, L. M., Adamson, R.
2017; 14 (11): 1709–10
- **Disparities in kidney transplantation across the United States: Does residential segregation play a role?** *American journal of surgery*
Olufajo, O. A., Adler, J. T., Yeh, H., Zeliadt, S. B., Hernandez, R. A., Tullius, S. G., Backhus, L., Salim, A.
2017
- **Effect of EGFR Mutations on Survival in Patients following Surgical Resection of Lung Adenocarcinoma**
Laidlaw, G., Gao, R., Ayers, K., Backhus, L., Berry, M., Shrager, J.
ELSEVIER SCIENCE INC.2017: S751
- **The Importance of Patient Recall within Cancer Survivorship Care for Improved Post-Treatment Surveillance in Lung Cancer Survivors**
Backhus, L., Reinke, L., Au, D., Zeliadt, S., Edwards, T., Roy, U., Mantel, S., Jacobson, M., Ferris, A.
ELSEVIER SCIENCE INC.2017: S1111–S1112
- **Video-assisted thoracoscopic diaphragm plication using a running suture technique is durable and effective.** *journal of thoracic and cardiovascular surgery*
Demos, D. S., Berry, M. F., Backhus, L. M., Shrager, J. B.
2016
- **Imaging in Lung Transplantation: Surgical Considerations of Donor and Recipient.** *Radiologic clinics of North America*
Backhus, L. M., Mulligan, M. S., Ha, R., Shriki, J. E., Mohammed, T. H.

- 2016; 54 (2): 339-353
- **Assessment and Management of Symptoms for Outpatients Newly Diagnosed With Lung Cancer** *AMERICAN JOURNAL OF HOSPICE & PALLIATIVE MEDICINE*
Reinke, L. F., Feemster, L. C., Backhus, L. M., Gyls-Colwell, I., Au, D. H.
2016; 33 (2): 178-183
 - **Imaging in Lung Transplantation Surgical Considerations of Donor and Recipient** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Backhus, L. M., Mulligan, M. S., Ha, R., Shriki, J. E., Mohammed, T. H.
2016; 54 (2): 339-?
 - **Imaging surveillance and survival for surgically resected non-small-cell lung cancer** *JOURNAL OF SURGICAL RESEARCH*
Backhus, L. M., Farjah, F., Liang, C. J., He, H., Varghese, T. K., Au, D. H., Flum, D. R., Zeliadt, S. B.
2016; 200 (1): 171-176
 - **Gaps in Guideline-Concordant Use of Diagnostic Tests Among Lung Cancer Patients** *ANNALS OF THORACIC SURGERY*
Flanagan, M. R., Varghese, T. K., Backhus, L. M., Wood, D. E., Mulligan, M. S., Cheng, A. M., Flum, D. R., Farjah, F.
2015; 100 (6): 2006-2012
 - **Failure to rescue and pulmonary resection for lung cancer** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Farjah, F., Backhus, L., Cheng, A., Englum, B., Kim, S., Saha-Chaudhuri, P., Wood, D. E., Mulligan, M. S., Varghese, T. K.
2015; 149 (5): 1365-1371
 - **External validation of a prediction model for pathologic N2 among patients with a negative mediastinum by positron emission tomography** *JOURNAL OF THORACIC DISEASE*
Farjah, F., Backhus, L. M., Varghese, T. K., Manning, J. P., Cheng, A. M., Mulligan, M. S., Wood, D. E.
2015; 7 (4): 576-?
 - **Impact of primary caregivers on long-term outcomes after lung transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Mollberg, N. M., Farjah, F., Howell, E., Ortiz, J., Backhus, L., Mulligan, M. S.
2015; 34 (1): 59-64
 - **Predictors of Imaging Surveillance for Surgically Treated Early-Stage Lung Cancer** *ANNALS OF THORACIC SURGERY*
Backhus, L. M., Farjah, F., Zeliadt, S. B., Varghese, T. K., Cheng, A., Kessler, L., Au, D. H., Flum, D. R.
2014; 98 (6): 1944-1952
 - **Appropriateness of Imaging for Lung Cancer Staging in a National Cohort** *JOURNAL OF CLINICAL ONCOLOGY*
Backhus, L. M., Farjah, F., Varghese, T. K., Cheng, A. M., Zhou, X., Wood, D. E., Kessler, L., Zeliadt, S. B.
2014; 32 (30): 3428-U266
 - **Ninety-Day Costs of Video-Assisted Thoracic Surgery Versus Open Lobectomy for Lung Cancer** *ANNALS OF THORACIC SURGERY*
Farjah, F., Backhus, L. M., Varghese, T. K., Mulligan, M. S., Cheng, A. M., Alfonso-Cristancho, R., Flum, D. R., Wood, D. E.
2014; 98 (1): 191-196
 - **Lung Resection Outcomes and Costs in Washington State: A Case for Regional Quality Improvement** *ANNALS OF THORACIC SURGERY*
Farjah, F., Varghese, T. K., Costas, K., Krishnadasan, B., Farivar, A. S., Hubka, M., Louie, B. E., Backhus, L. M., Chong, N., Gorden, J., Cheng, A. M., He, H., Flum, et al
2014; 98 (1): 175-181
 - **Outcomes in lung transplantation after previous lung volume reduction surgery in a contemporary cohort** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Backhus, L., Sargent, J., Cheng, A., Zeliadt, S., Wood, D., Mulligan, M.
2014; 147 (5): 1678-?
 - **Preoperative PET and the Reduction of Unnecessary Surgery Among Newly Diagnosed Lung Cancer Patients in a Community Setting** *JOURNAL OF NUCLEAR MEDICINE*
Zeliadt, S. B., Loggers, E. T., Slatore, C. G., Au, D. H., Hebert, P. L., Klein, G. J., Kessler, L. G., Backhus, L. M.
2014; 55 (3): 379-385
 - **Management of Centrally Located Non-Small-Cell Carcinoma** *ONCOLOGY-NEW YORK*
Backhus, L. M., Wood, D. E.

2014; 28 (3): 215-221

- **Lymphovascular Invasion as a Prognostic Indicator in Stage I Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis** *ANNALS OF THORACIC SURGERY*
Mollberg, N. M., Bennette, C., Howell, E., Backhus, L., Devine, B., Ferguson, M. K.
2014; 97 (3): 965-972
- **The Effect of Provider Density on Lung Cancer Survival Among Blacks and Whites in the United States** *JOURNAL OF THORACIC ONCOLOGY*
Backhus, L. M., Hayanga, A. J., Au, D., Zeliadt, S. B.
2013; 8 (5): 549-553
- **Radiographic evaluation of the patient with lung cancer: surgical implications of imaging.** *Current problems in diagnostic radiology*
Backhus, L., Puneet, B., Bastawrous, S., Mariam, M., Michael, M., Varghese, T.
2013; 42 (3): 84-98
- **Residential Segregation and Lung Cancer Mortality in the United States** *JAMA SURGERY*
Hayanga, A. J., Zeliadt, S. B., Backhus, L. M.
2013; 148 (1): 37-42
- **Comparison of Demographic Characteristics, Surgical Resection Patterns, and Survival Outcomes for Veterans and Nonveterans with Non-small Cell Lung Cancer in the Pacific Northwest** *JOURNAL OF THORACIC ONCOLOGY*
Zeliadt, S. B., Sekaran, N. K., Hu, E. Y., Slatore, C. C., Au, D. H., Backhus, L., Wu, D. Y., Crawford, J., Lyman, G. H., Dale, D. C.
2011; 6 (10): 1726-1732
- **Intrathoracic splenosis after remote trauma** *NEW ENGLAND JOURNAL OF MEDICINE*
Backhus, L. M., Bremner, R. M.
2006; 355 (17): 1811
- **Perioperative cyclooxygenase 2 inhibition to reduce tumor cell adhesion and metastatic potential of circulating tumor cells in non-small cell lung cancer** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Backhus, L. M., Sievers, E., Lin, G. Y., Castanos, R., Bart, R. D., Starnes, V. A., Bremner, R. M.
2006; 132 (2): 297-303
- **Pleural space problems after living lobar transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Backhus, L. M., Sievers, E. M., Schenkel, F. A., Barr, M. L., Cohen, R. G., Smith, M. A., Starnes, V. A., Bremner, R. M.
2005; 24 (12): 2086-2090
- **Dimethyl celecoxib as a novel non-cyclooxygenase 2 therapy in the treatment of non-small cell lung cancer** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Backhus, L. M., Petasis, N. A., Uddin, J., Schonthal, A. H., Bart, R. D., Lin, Y., Starnes, V. A., Bremner, R. M.
2005; 130 (5): 1406-1412
- **Evaluation of cyclooxygenase-2 inhibition in an orthotopic murine model of lung cancer for dose-dependent effect** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Sievers, E. M., Bart, R. D., Backhus, L. M., Lin, Y. G., Starnes, M., Castanos, R., Starnes, V. A., Bremner, R. M.
2005; 129 (6): 1242-1249
- **Pleural space problems following living lobar transplantation**
Backhus, L. M., Sievers, E. M., Bart, R. D., Schenkel, F. A., Cohen, R. G., Barr, M. L., Nigro, J. J., Starnes, V. A., Bremner, R. M.
AMER COLL CHEST PHYSICIANS.2004: 844S
- **Selective COX-2 blockade inhibits lung adenocarcinoma cell migration in vitro**
Backhus, L. M., Sievers, E. M., Bart, R. D., Starnes, V. A., Bremner, R. M., Starnes, M. J., Lin, Y. G.
AMER COLL CHEST PHYSICIANS.2004: 731S
- **Functional and marker MicroPET imaging in a murine model of orthotopic lung cancer**
Bading, Bremner, R. M., Sievers, E. M., Chen, X. Y., Bart, R. D., Park, R., Backhus, L. M.
AMER COLL CHEST PHYSICIANS.2004: 748S-749S
- **Abnormal esophageal body function: Radiographic-manometric correlation** *AMERICAN SURGEON*

Fuller, L., Huprich, J. E., Theisen, J., Hagen, J. A., Crookes, P. F., DeMeester, S. R., Bremner, C. G., DeMeester, T. R., Peters, J. H.
1999; 65 (10): 911-914

- **Thoracic Endometriosis Syndrome: A Review of Diagnosis and Management.** *JSLs : Journal of the Society of Laparoendoscopic Surgeons*
Nezhat, C. n., Lindheim, S. R., Backhus, L. n., Vu, M. n., Vang, N. n., Nezhat, A. n., Nezhat, C. n.
; 23 (3)

PRESENTATIONS

- Women in Thoracic Surgery: US Perspective; In Co-Operation with Women In Thoracic Surgery - European Society of Thoracic Surgeons