



Natalie Shaubie Lui

Assistant Professor of Cardiothoracic Surgery (Thoracic Surgery)

CLINICAL OFFICE (PRIMARY)

- **Cardiothoracic Surgery**

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Bio

BIO

Dr. Lui studied physics as an undergraduate at Harvard before attending medical school at Johns Hopkins. She completed a general surgery residency at the University of California San Francisco, which included two years of research in the UCSF Thoracic Oncology Laboratory and completion of a Master in Advanced Studies in clinical research. Dr. Lui went on to hold a fellowship in Thoracic Surgery at Massachusetts General Hospital, during which she participated in visiting rotations at Memorial Sloan Kettering and the Mayo Clinic.

Dr. Lui's surgical practice consists of general thoracic surgery with a focus on thoracic oncology and robotic thoracic surgery. Her research interests include intraoperative molecular imaging for lung cancer localization, increasing rates of lung cancer screening, and using artificial intelligence to predict lung cancer recurrence. She is the recipient of the Donald B. Doty Educational Award in 2019 from the Western Thoracic Surgical Association, the Dwight C. McGoon Award for teaching from the Thoracic Surgery Residents Association in 2020, and the Carolyn E. Reed Traveling Fellowship from the Thoracic Surgery Foundation and Women in Thoracic Surgery in 2022.

CLINICAL FOCUS

- Lung cancer
- Esophageal cancer
- Mediastinal tumors
- Airway tumors
- Tracheomalacia
- Hyperhidrosis
- Minimally invasive surgery
- Robotic surgery
- Thoracic and Cardiac Surgery

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Unit-Based Medical Director, J6, Stanford Hospital, (2019- present)

HONORS AND AWARDS

- Carolyn E. Reed Traveling Fellowship Award, Thoracic Surgery Foundation and Women in Thoracic Surgery (2022)
- Dwight C. McGoon Teaching Award, Thoracic Surgery Residents Association (2020)
- Donald B. Doty Educational Award, Western Thoracic Surgical Association (2019)
- Carolyn E. Reed Traveling Fellowship Award, Thoracic Surgery Foundation and Women in Thoracic Surgery (2018)

PROFESSIONAL EDUCATION

- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2019)
- BA, Harvard University , Physics (2002)
- MD, Johns Hopkins School of Medicine , Medicine (2007)
- MAS, University of California San Francisco , Clinical research (2012)
- Residency, University of California San Francisco , General surgery (2014)
- Fellowship, Massachusetts General Hospital , Thoracic surgery (2016)

LINKS

- 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>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>
- Follow us on Twitter: <https://twitter.com/StanfordCTSurg>

Research & Scholarship

CLINICAL TRIALS

- Panitumumab-IRDye800 in Detecting Cancer in Participants With Lung Cancer During Surgery, Recruiting

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Cayo Gonzalez, Augustine Kang

Postdoctoral Faculty Sponsor

Carolyn Chang

Publications

PUBLICATIONS

- **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 #3cm 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
 - **Management of Paraesophageal Hernias.** *Thoracic surgery clinics*
Randle, R. J., Liou, D. Z., Lui, N. S.
2024; 34 (2): 163-170
 - **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
 - **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
 - **VENTILATOR WAVEFORM ANALYSIS: THE SQUARE ROOT SIGN IN A PATIENT WITH A TRACHEAL-PLEURAL FISTULA**
Rozenbaum, D., Wingo, M., Patel, P., Nassar, A., Bedi, H., Lui, N.
LIPPINCOTT WILLIAMS & WILKINS.2024
 - **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
 - **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
- **Intraoperative Molecular Imaging of Lung Cancer. *Thoracic surgery clinics***
Wong, L., Lui, N. S.
2023; 33 (3): 227-232
- **Tracheal stenosis and airway complications in the Coronavirus Disease-19 era. *Annals of thoracic surgery short reports***
Krishnan, A., Guenthart, B. A., Choi, A., Trope, W., Berry, G. J., Pinezich, M. R., Vunjak-Novakovic, G., Shaller, B., Sung, C. K., Liou, D. Z., Damrose, E. J., Lui, N. S.
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
- **Surgical resection of mediastinal ectopic thyroid tissue: a case series. *Journal of thoracic disease***
Motlaghzadeh, Y., Nesbit, S., Guo, H. H., Yang, E., Desai, K., Lui, N. S.
2023; 15 (3): 1473-1481
- **Surgical resection of mediastinal ectopic thyroid tissue: a case series *JOURNAL OF THORACIC DISEASE***
Motlaghzadeh, Y., Nesbit, S., Guo, H., Yang, E., Desai, K., Lui, N. S.
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
- **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

- **Single-port robotic transcervical long-segment thoracic tracheal reconstruction: Cadaveric proof-of-concept study.** *JTCVS techniques*
Lui, N. S., Holsinger, F. C., Ma, M. R., Janus, J. R., Balakrishnan, K.
2022; 16: 231-236
- **Improving lung cancer screening rates among patients with head and neck cancer in a radiation oncology clinic.** *Journal of thoracic disease*
Soto, L., Nesbit, S., Ramsey, M., Gensheimer, M. F., Le, Q. T., Beadle, B. M., Lui, N. S.
2022; 14 (12): 4633-4640
- **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
- **Oncology Imaging: Updates and Advancements.** *Surgical oncology clinics of North America*
Lui, N. S.
2022; 31 (4): xiii-xiv
- **Applications of Three-Dimensional Printing in Surgical Oncology.** *Surgical oncology clinics of North America*
Byrd, C. T., Lui, N. S., Guo, H. H.
2022; 31 (4): 673-684
- **Intraoperative Molecular Imaging of Lung Cancer: A Review.** *Surgical oncology clinics of North America*
Lui, N. S., Singhal, S.
2022; 31 (4): 685-693
- **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
- **Virtual Surgical Skills Training in a High School Summer Program.** *The Annals of thoracic surgery*
Bajaj, S. S., Patel, H. H., Fann, J. I., Ma, M., Lui, N. S.
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
- **Commentary: American Association for Thoracic Surgery foundation research grants: An opportunity to shape the future of cardiothoracic surgery.** *JTCVS open*
Reveron-Thornton, R. F., Lui, N. S.
2022; 10: 291-292
- **Three-dimensional-printed model of surgically resectable angioinvasive pulmonary mucormycosis.** *JTCVS techniques*
Byrd, C. T., Vyas, D., Guo, H. H., Lui, N. S.
2022; 13: 244-246
- **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
- **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
- **Factors for differential outcome across cancers in clinical molecular-targeted fluorescence imaging.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Zhou, Q., van den Berg, N. S., Kang, W., Pei, J., Nishio, N., van Keulen, S., Engelen, M. A., Lee, Y. J., Hom, M., Vega Leonel, J. C., Hart, Z., Vogel, H., Cayrol, et al
2022
- **Social Disparities in Lung Cancer.** *Thoracic surgery clinics*
Elliott, I., Gonzalez, C., Backhus, L., Lui, N.
2022; 32 (1): 33-42
- **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
- **Commentary: Inspiring a New Generation of Healthcare Workers.** *Seminars in thoracic and cardiovascular surgery*
Baiu, I., Lui, N. S.
2021
- **Commentary: American Association for Thoracic Surgery Summer Intern Scholarship: Captivating the interest of medical students.** *The Journal of thoracic and cardiovascular surgery*
Byrd, C. T., Lui, N. S.
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
- **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

- **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
- **A National Analysis of Short-term Outcomes and Long-term Survival Following Thoroscopic Versus Open Lobectomy for Clinical Stage II Non-Small-Cell Lung Cancer** *ANNALS OF SURGERY*
Yang, C., Kumar, A., Deng, J. Z., Raman, V., Lui, N. S., D'Amico, T. A., Berry, M. F.
2021; 273 (3): 595–605
- **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
- **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
- **Diffuse idiopathic pulmonary neuroendocrine cell hyperplasia (DIPNECH): clinical characteristics and progression to carcinoid tumor.** *The European respiratory journal*
Yang Sun, T., Hwang, G., Pancirer, D., Hornbacker, K., Codima, A., Lui, N. S., Raj, R., Kunz, P., Padda, S. K.
2021
- **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
- **Examination of factors associated with lymph node metastases in lung carcinoids: Results from a single institution retrospective cohort study.** *Lung cancer (Amsterdam, Netherlands)*
Pathipati, M. P., Yohannan, T. K., Tian, L. n., Hornbacker, K. n., Benson, J. A., Berry, G. J., Lui, N. S., Kunz, P. L., Padda, S. K.
2021
- **Smooth Muscle Operator: Robotic-Assisted Enucleation of an Esophageal Leiomyoma.** *Digestive diseases and sciences*
Elliott, I. A., Forgó, E. n., Lui, N. S.
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
- **Commentary: An innovative, minimally-invasive approach to post-pneumonectomy bronchopleural fistula.** *JTCVS techniques*
Elliott, I. A., Bedi, H. S., Lui, N. S.
2020; 4: 351-352
- **Commentary: An innovative, minimally-invasive approach to post-pneumonectomy bronchopleural fistula Comment** *JTCVS TECHNIQUES*
Elliott, I. A., Bedi, H. S., Lui, N. S.
2020; 4: 351-352
- **Intracardiac paragangliomas: surgical approach and perioperative management.** *General thoracic and cardiovascular surgery*
Guenthart, B. A., Trope, W., Keeyapaj, W., Weiel, J. J., Edmonson, A., MacArthur, J. W., Annes, J. P., Woo, Y. J., Lui, N. S.
2020
- **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

- **Bilateral Elastofibroma Dorsi Mistaken For Lipoma.** *Mayo Clinic proceedings*
Benson, J., Lui, N.
2020; 95 (8): 1709
- **IMPLEMENTATION OF AN ELECTRONIC AUTO-REFERRAL PROGRAM TO IMPROVE LUNG CANCER SCREENING**
Patel, D., Levchuk, A., Dang, J., Ramsey, M., Lui, N., Phadke, A.
SPRINGER.2020: S658
- **Overview of robotic surgery for lung cancer** *VIDEO-ASSISTED THORACIC SURGERY*
Wightman, S. C., Lui, N. S.
2020; 5
- **Socioeconomic, rural, and insurance-based inequities in robotic lung cancer resections** *VIDEO-ASSISTED THORACIC SURGERY*
Erhunmwunsee, L., Bhandari, P., Sosa, E., Sur, M., Ituarte, P. G., Lui, N. S.
2020; 5
- **Resident education in robotic thoracic surgery** *VIDEO-ASSISTED THORACIC SURGERY*
Guenthart, B. A., Lui, N. S.
2020; 5
- **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
- **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
- **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
- **Integrating genomic features for non-invasive early lung cancer detection.** *Nature*
Chabon, J. J., Hamilton, E. G., Kurtz, D. M., Esfahani, M. S., Moding, E. J., Stehr, H., Schroers-Martin, J., Nabet, B. Y., Chen, B., Chaudhuri, A. A., Liu, C. L., Hui, A. B., Jin, et al
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