



## Douglas Liou

Clinical Associate Professor, Cardiothoracic Surgery

### CLINICAL OFFICE (PRIMARY)

- **Cardiothoracic Surgery**

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### Bio

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#### BIO

Dr. Liou is a local product, having grown up in Salinas and graduated from U.C. Berkeley with a degree in Molecular and Cell Biology. He received his M.D. from New York Medical College and completed his General Surgery training at Cedars-Sinai Medical Center in Los Angeles. At Cedars, he was recognized for his excellence in clinical care and research with numerous awards and publications. Dr. Liou recently completed his 2 years of Thoracic Surgery training at Stanford, during which time he proved to be an outstanding physician and surgeon and a dedicated clinical researcher.

Dr. Liou's expertise includes all surgical diseases of the lung, mediastinum, esophagus, chest wall, and diaphragm, with particular interest in thoracic oncology and minimally invasive surgical techniques. He has extensive experience with minimally invasive and open management of lung and esophageal cancer, mediastinal tumors, and benign esophageal disease. Dr. Liou's primary research focus has been on clinical outcomes in thoracic oncology and quality improvement.

Dr. Liou practices out of Stanford Hospital main campus and Stanford Health Care-ValleyCare Hospital in Pleasanton, where he is starting Stanford's Thoracic Surgery program in the East Bay.

#### CLINICAL FOCUS

- Thoracic and Cardiac Surgery

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Cardiothoracic Surgery
- Member, Cardiovascular Institute
- Member, Stanford Cancer Institute

#### PROFESSIONAL EDUCATION

- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2021)

- Fellowship: Stanford University Thoracic Surgery Fellowship (2018) CA
- Board Certification: General Surgery, American Board of Surgery (2017)
- Residency: Cedars Sinai Medical Center General Surgery Residency (2016) CA
- Medical Education: New York Medical College Registrar (2010) NY

## 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

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### CLINICAL TRIALS

- Autologous B7-H3 Chimeric Antigen Receptor T Cells in Relapsed/Refractory Solid Tumors, Recruiting

## Publications

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### PUBLICATIONS

- **Endoscopic findings predictive of pathologic upstaging in T2N0 esophageal cancer.** *JTCVS open*  
Tsai, L. L., Bommakanti, S., Kapula, N., Satoyoshi, M., Aboujudom, C., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., Berry, M. F.  
2026; 29: 101561
- **Endoscopic findings predictive of pathologic upstaging in T2N0 esophageal cancer** *JTCVS OPEN*  
Tsai, L. L., Bommakanti, S., Kapula, N., Satoyoshi, M., Aboujudom, C., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Lui, N. S., Backhus, L. M., Shrager, J. B., Berry, M. F.  
2026; 29
- **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
- **Is induction therapy optimal for all patients with locally advanced distal esophagus adenocarcinoma?-The impact of age and co-morbidities on treatment and outcomes.** *Journal of thoracic disease*  
Berry, M. F., Aboujudom, C., Chan, M., Liou, D. Z.  
2025; 17 (11): 9735-9750
- **The Association of Short-Term Outcomes and Long-Term Survival After Lung Cancer Resection.** *The Journal of thoracic and cardiovascular surgery*  
Woodson, D. R., Kapula, N., Liou, D. Z., Elliott, I. A., Shrager, J. B., Berry, M. F.  
2025
- **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
- **Evaluating the Impact of Electronic Reminders on Lung Cancer Screening**  
Kamtam, D. N., Chang, C. C., Weng, Y., Elliott, I. A., Guenthart, B. A., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Phadke, A. J., Han, S. S., Stanford, N.

ELSEVIER SCIENCE INC.2025

- **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
- **Impact of an Incidental Pulmonary Nodule Course Series on the Professional Development of Under-Resourced Multidisciplinary Teams**  
Sanders, H., Podsiad, M., Liou, D. Z., Mehta, V., Dubree, K., Sivertsen, K., Ho, E., Lemense, G., Wagh, A., Fathi, J. T.  
ELSEVIER SCIENCE INC.2025
- **Factors and outcomes associated with successful minimally invasive pneumonectomy.** *JTCVS open*  
Trope, 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
- **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)
- **Initial Patient Characteristics of TSOG 102: A Multicenter Prospective Registry of Active Surveillance in Patients with Multiple Ground Glass Opacities.** *The Journal of thoracic and cardiovascular surgery*  
Huang, J., Tan, K. S., Altorki, N., Antonoff, M., Blackmon, S., Bueno, R., Burt, B., Demmy, T., Evans, N., Donahoe, L., Harpole, D., Jarrar, D., Kozower, et al  
2024
- **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
- **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
  - **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
  - **Population-Based Analysis of Local Therapies for Large (>7 cm) Non-Small Cell Lung Cancer Tumors** *THORACIC RESEARCH AND PRACTICE*  
Patel, D. C., He, H., Liou, D. Z., Speicher, P. J., Berry, M. F.  
2024; 25 (4)
  - **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
  - **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
  - **The Society of Thoracic Surgeons Expert Consensus Document on the Surgical Management of Thymomas.** *The Annals of thoracic surgery*  
Liou, D. Z., Berry, M. F., Brown, L. M., Demmy, T. L., Huang, J., Khullar, O. V., Padda, S. K., Shah, R. D., Taylor, M. D., Toker, S. A., Weiss, E., Wightman, S. C., Worrell, et al  
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
  - **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

- **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
- **Surgical revision of the postesophagectomy gastric conduit to address poor emptying.** *JTCVS techniques*  
Wong, L., Rivera, M. F., Liou, D. Z., Berry, M. F.  
2024; 23: 132-140
- **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
- **Clinical Impact of EGFR vs KRAS Mutations in Multifocal Lung Adenocarcinoma**  
Jiang, J., Berry, M. F., Lui, N. S., Liou, D. Z., Trope, W. L., Backhus, L. M., Shrager, J. B.  
ELSEVIER SCIENCE INC.2023: S484-S485
- **p53 governs an AT1 differentiation programme in lung cancer suppression.** *Nature*  
Kaiser, A. M., Gatto, A., Hanson, K. J., Zhao, R. L., Raj, N., Ozawa, M. G., Seoane, J. A., Biegging-Rolett, K. T., Wang, M., Li, I., Trope, W. L., Liou, D. Z., Shrager, et al  
2023
- **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
- **ASO Visual Abstract: Treatment and Outcomes of Proximal Esophageal Squamous Cell Carcinoma.** *Annals of surgical oncology*  
Patel, D. C., Yang, C. J., Liou, D. Z., Berry, M. F.  
2023
- **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
- **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
- **Safety and feasibility of minimally invasive lobectomy after neoadjuvant immunotherapy for non-small cell lung cancer.** *The Journal of thoracic and cardiovascular surgery*  
Mathey-Andrews, C., McCarthy, M., Potter, A. L., Beqari, J., Wightman, S. C., Liou, D., Raman, V., Jeffrey Yang, C.  
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. L., Bhandari, P., Lui, N., Liou, D., Backhus, L., Berry, M. F.  
2022; 14 (11): 4236-4245
- **Treatment and Outcomes of Proximal Esophageal Squamous Cell Carcinoma.** *Annals of surgical oncology*  
Patel, D. C., Yang, C. J., Liou, D. Z., Berry, M. F.  
2022
- **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
- **Multimodal Management of T4 N2 Non-small-cell Lung Cancer with Additional Ipsilateral Pulmonary Nodules**  
Kumar, A., Kumar, S., Potter, A., Gilja, S., Liou, D., Yang, C. J.  
ELSEVIER SCIENCE INC.2022: S7

- **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
- **Commentary: A guide for what we know and what still needs to be learned.** *The Journal of thoracic and cardiovascular surgery*  
Liou, D. Z.  
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
- **A national analysis of open versus minimally invasive thymectomy for stage I-III thymic carcinoma.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Hurd, J., Haridas, C., Potter, A., Baiu, I., Beqari, J., Deng, J., Liou, D., Patel, D., Yang, C. J.  
2022
- **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
- **The Impact of Extended Delayed Surgery for Indolent Lung Cancer or Part-solid Ground Glass Nodules.** *The Annals of thoracic surgery*  
Mayne, N. R., Elser, H., Lin, B. K., Raman, V., Liou, D., Li, X., D'Amico, T. A., Yang, C. J.  
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
- **Reconsidering the American Joint Committee on Cancer 8th Edition TNM Staging Manual Classifications for T2b/T3 Non-small-cell Lung Cancer.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*  
Kumar, A., Kumar, S., Gilja, S., Potter, A., Raman, V., Muniappan, A., Liou, D., Jeffrey Yang, C.  
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.  
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