



## Irmina A. Elliott, MD

Clinical Assistant Professor, Cardiothoracic Surgery

### CLINICAL OFFICE (PRIMARY)

- **Thoracic Surgery**

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### Bio

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#### BIO

Dr. Elliott is a thoracic surgeon and clinical assistant professor in the Department of Cardiothoracic Surgery at Stanford University School of Medicine. She provides the complete spectrum of surgical care for lung cancer, esophageal cancer, mediastinal tumors, and more through the Stanford Health Care Thoracic Cancer Program. She specializes in minimally invasive, including robotic, approaches to thoracic surgery.

Dr. Elliott received fellowship training from Stanford University. She completed her residency at UCLA Medical Center.

Her research has received support from the National Institutes of Health. She has investigated cancer cell response to replication stress, outcomes in patients undergoing hyperthermic intrathoracic chemotherapy (HITHOC) for mesothelioma, complications after esophageal surgery, lymph node involvement in patients with carcinoid tumors of the lung, advanced techniques in robotic surgery, and other topics.

She has authored articles that have appeared in the Proceedings of the National Academy of Sciences (PNAS), Annals of Thoracic Surgery, JAMA Surgery, and other peer-reviewed publications. She also has contributed to textbooks including the content on social disparities in lung cancer for the book Social Disparities in Thoracic Surgery.

Dr. Elliott has made presentations to her peers at meetings of the American Association for Thoracic Surgery, Society of Surgical Oncology, Western Thoracic Surgical Association, and other organizations. Presentations focused on surgical treatment of patients with carcinoid tumor of the lung, improvement of mesothelioma patient survival, complications of esophageal surgery, novel targets for cancer treatment, and more.

#### CLINICAL FOCUS

- Thoracic and Cardiac Surgery

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Cardiothoracic Surgery

- Member, Cardiovascular Institute
- Member, Stanford Cancer Institute

## PROFESSIONAL EDUCATION

- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2023)
- Fellowship: Stanford University Thoracic Surgery Fellowship (2022) CA
- Board Certification: General Surgery, American Board of Surgery (2021)
- Residency: UCLA General Surgery Residency (2020) CA
- MD, Columbia University College of Physicians and Surgeons (2013)

## Publications

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### PUBLICATIONS

- **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
- **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
- **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
- **Social Disparities in Lung Cancer.** *Thoracic surgery clinics*

Elliott, I., Gonzalez, C., Backhus, L., Lui, N.

2022; 32 (1): 33-42

- **Resection of a Giant Epithelioid Hemangioendothelioma Arising from the Superior Vena Cava.** *The Annals of thoracic surgery*

Elliott, I. A., Kasinpila, P., Guenthart, B. A., MacArthur, J. W., Berry, M. F.

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

- **First lung and kidney multi-organ transplant following COVID-19 Infection.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

Guenthart, B. A., Krishnan, A., Alassar, A., Madhok, J., Kakol, M., Miller, S., Cole, S. P., Rao, V. K., Acero, N. M., Hill, C. C., Cheung, C., Jackson, E. C., Feinstein, et al

2021

- **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