



## Natalie Shaubie Lui

Assistant Professor of Cardiothoracic Surgery (Thoracic Surgery) at the Stanford University Medical Center

### CLINICAL OFFICES

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### Bio

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#### 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 specializes in minimally invasive thoracic surgery, including robotic thoracic surgery. Her clinical focus extends to all aspects of general thoracic surgical diseases, including lung and esophageal cancer and airway diseases such as tracheomalacia. Her research focus is clinical and translational, including intraoperative fluorescence imaging. She is happy to be back in California and enjoys the warm weather, good food, and beautiful outdoors.

#### CLINICAL FOCUS

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

#### ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Cardiothoracic Surgery

#### ADMINISTRATIVE APPOINTMENTS

- Unit-Based Medical Director, D2/G2S, Stanford Hospital, (2019- present)

## HONORS AND AWARDS

- Carolyn E. Reed Traveling Fellowship Award, Thoracic Surgery Foundation (2018)
- Donald B. Doty Educational Award, Western Thoracic Surgical Association (2019)

## PROFESSIONAL EDUCATION

- 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>

## Research & Scholarship

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### CLINICAL TRIALS

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

## Publications

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### PUBLICATIONS

- **Single-Lumen Endotracheal Tube and Bronchial Blocker for Airway Management During Tracheobronchoplasty for Tracheobronchomalacia: A Case Report.** *A&A practice*  
Lui, N. S., Guo, H. H., Sung, A. W., Peterson, A., Kulkarni, V. N.  
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
- **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. J., Kumar, A., Deng, J. Z., Raman, V., Lui, N. S., D'Amico, T. A., Berry, M. F.  
2019
- **Examination of Factors Associated With Lymph Node Metastases in Lung Carcinoids**  
Pathipati, M. P., Yohannan, T. K., Tian, L., Benson, J. A., Hornbacker, K., Berry, G. J., Lui, N., Kunz, P. L., Padda, S. K.  
LIPPINCOTT WILLIAMS & WILKINS.2019: 447
- **Commentary: Should lung cancer screening guidelines go up in smoke?** *The Journal of thoracic and cardiovascular surgery*  
Lui, N. S.  
2019
- **Commentary: Pleomorphic carcinoma: An aggressive type of non-small cell lung cancer that should be treated like the others.** *The Journal of thoracic and cardiovascular surgery*  
Lui, N. S.  
2019
- **Cut it out! Thoracic Surgeon's Approach to Pulmonary Mucormycosis and the Role of Surgical Resection in Survival.** *Mycoses*  
Multani, A., Reveron-Thornton, R., Garvert, D. W., Gomez, C. A., Montoya, J. G., Lui, N. S.

2019

- **Surgical Management for Aortoesophageal Fistula After Endovascular Aortic Repair.** *The Annals of thoracic surgery*  
Zhu, Y., MacArthur, J. W., Lui, N., Lee, A. M.  
2019
- **Neoadjuvant chemotherapy versus chemoradiotherapy for esophageal cancer: a tradeoff between dysphagia and pathologic response** *VIDEO-ASSISTED THORACIC SURGERY*  
Lui, N.  
2018; 3
- **Yellow nail syndrome with chylothorax after coronary artery bypass grafting.** *Journal of cardiothoracic surgery*  
Waliany, S., Chandler, J., Hovsepian, D., Boyd, J., Lui, N.  
2018; 13 (1): 93
- **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
- **Ground-glass opacity heralding invasive lung adenocarcinoma with prodromal dermatomyositis: a case report** *JOURNAL OF CARDIOTHORACIC SURGERY*  
Beel, A. J., Demos, D. S., Chung, A., Liao, C., Lui, N. S.  
2018; 13: 20
- **A Novel and Successful Repair of a Left Atriogastric Fistula After Esophagectomy.** *The Annals of thoracic surgery*  
Panda, N., Feins, E. N., Axtell, A., Lui, N., Melnitchouk, S. I., Donahue, D. M.  
2017; 104 (2): e157–e159
- **SULF2 Expression Is a Potential Diagnostic and Prognostic Marker in Lung Cancer** *PLOS ONE*  
Lui, N. S., Yang, Y., van Zante, A., Buchanan, P., Jablons, D. M., Lemjabbar-Alaoui, H.  
2016; 11 (2)
- **Intraoperative Tracheal Injury** *THORACIC SURGERY CLINICS*  
Lui, N., Wright, C.  
2015; 25 (3): 249-?
- **Wnt7A is a putative prognostic and chemosensitivity marker in human malignant pleural mesothelioma.** *Oncology reports*  
Hirata, T., Zheng, Q., Chen, Z., Kinoshita, H., Okamoto, J., Kratz, J., Li, H., Lui, N., Do, H., Cheng, T., Tseng, H. K., Koizumi, K., Shimizu, et al  
2015; 33 (4): 2052–60
- **Gli as a Novel Therapeutic Target in Malignant Pleural Mesothelioma** *PLOS ONE*  
Li, H., Lui, N., Cheng, T., Tseng, H. K., Yue, D., Giroux-Leprieur, E., Do, H. T., Sheng, Q., Jin, J. Q., Luh, T. W., Jablons, D. M., He, B.  
2013; 8 (3)
- **SMO expression level correlates with overall survival in patients with malignant pleural mesothelioma.** *Journal of experimental & clinical cancer research : CR*  
Zhang, Y., He, J., Zhang, F., Li, H., Yue, D., Wang, C., Jablons, D. M., He, B., Lui, N.  
2013; 32: 7
- **SULF2 expression by immunohistochemistry and overall survival in oesophageal cancer: a cohort study** *BMJ OPEN*  
Lui, N. S., van Zante, A., Rosen, S. D., Jablons, D. M., Lemjabbar-Alaoui, H.  
2012; 2 (6)
- **A somatic TSHR mutation in a patient with lung adenocarcinoma with bronchioloalveolar carcinoma, coronary artery disease and severe chronic obstructive pulmonary disease.** *Oncology reports*  
Kim, J. W., Lee, S., Lui, N., Choi, H., Mulvihill, M., Fang, L. T., Kang, H. C., Kwon, Y. W., Jablons, D., Kim, I. J.  
2012; 28 (4): 1225–30