

# Stanford

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## Douglas Liou

Clinical Associate Professor, Cardiothoracic Surgery

### CLINICAL OFFICE (PRIMARY)

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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>

## 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
- **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
- **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**

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- 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., Bieging-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.  
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
  - **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
  - **Estimating the Impact of Extended Delay to Surgery for Stage I Non-Small-Cell Lung Cancer on Survival: Lessons for the COVID-19 Pandemic.** *Annals of surgery*  
Mayne, N. R., Elser, H., Darling, A. J., Raman, V., Liou, D., Colson, Y., D'Amico, T. A., Yang, C. J.  
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
  - **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
  - **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
  - **Surgical technique for atrial-esophageal fistula repair after catheter ablation: An underrecognized complication** *JTCVS TECHNIQUES*  
Guenthart, B. A., Sun, B., De Biasi, A., Fischbein, M. P., Liou, D. Z.  
2020; 4: 169-172
  - **Surgical technique for atrial-esophageal fistula repair after catheter ablation: An underrecognized complication.** *JTCVS techniques*  
Guenthart, B. A., Sun, B., De Biasi, A., Fischbein, M. P., Liou, D. Z.  
2020; 4: 169-172
  - **Stereotactic Body Radiotherapy Versus Delayed Surgery for Early-stage Non-small-cell Lung Cancer.** *Annals of surgery*  
Mayne, N. R., Lin, B. K., Darling, A. J., Raman, V., Patel, D. C., Liou, D. Z., D'Amico, T. A., Yang, C. J.  
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
- **Commentary: Two decades of innovation, leadership, and overcoming challenges, but more lies ahead.** *The Journal of thoracic and cardiovascular surgery*  
Liou, D. Z.  
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): 2161-2171
- **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 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
- **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
- **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
- **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
- **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
- **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
- **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

- **Thoracic Surgery Considerations in Obese Patients** *THORACIC SURGERY CLINICS*  
Liou, D. Z., Berry, M. F.  
2018; 28 (1): 27-+
- **Predictors of Failure to Rescue After Esophagectomy.** *Ann Thorac Surg.*  
Liou, D. Z., Serna-Gallegos, D., Mirocha, J., Bairamian, V., Alban, R. F., Soukiasian, H. J.  
2018; 105 (3): 871-878
- **Survival Difference in Patients with Malignant Pleural Effusions Treated with Pleural Catheter or Talc Pleurodesis.** *The American surgeon*  
Liou, D. Z., Serna-Gallegos, D., Chan, J. L., Borgella, J., Akhmerov, S., Soukiasian, H. J.  
2016; 82 (10): 995-999
- **Thromboelastography After Murine TBI and Implications of Beta-Adrenergic Receptor Knockout.** *Neurocritical care*  
Liou, D. Z., Ko, A., Volod, O., Barmparas, G., Harada, M. Y., Martin, M. J., Salim, A., Dhillon, N., Thomsen, G. M., Ley, E. J.  
2016; 25 (1): 145-52
- **Insulin-dependent diabetes and serious trauma.** *European journal of trauma and emergency surgery : official publication of the European Trauma Society*  
Liou, D. Z., Singer, M. B., Barmparas, G., Harada, M. Y., Mirocha, J., Bukur, M., Salim, A., Ley, E. J.  
2016; 42 (4): 491-6
- **Recovery of Native Renal Function in Patients with Hepatorenal Syndrome Following Combined Liver and Kidney Transplant with Mercaptoacetyltriglycine-3 Renogram: Developing a Methodology** *World journal of nuclear medicine*  
Aparici, C. M., Bains, S. N., Qian, L., Liou, D., Wojciechowski, D., Werner, J., Khan, S., Kroll, C., Sandhu, M., Nguyen, N., Hawkins, R.  
2016; 15 (1)
- **Bicycle trauma and alcohol intoxication** *INTERNATIONAL JOURNAL OF SURGERY*  
Harada, M. Y., Gangi, A., Ko, A., Liou, D. Z., Barmparas, G., Li, T., Hotz, H., Stewart, D., Ley, E. J.  
2015; 24: 14-19
- **Work Hour Reduction: Still Room for Improvement.** *Journal of surgical education*  
Liou, D. Z., Barmparas, G., Harada, M., Chung, R., Melo, N., Ley, E. J., Salim, A., Bukur, M.  
2015; 73 (1): 173-9
- **Alcohol intoxication may be associated with reduced truncal injuries after blunt trauma.** *American journal of surgery*  
Liou, D. Z., Barmparas, G., Zaw, A., Bukur, M., Salim, A., Ley, E. J.  
2015; 210 (1): 87-92
- **Impact of body mass index on injury in abdominal stab wounds: implications for management.** *The Journal of surgical research*  
Bloom, M. B., Ley, E. J., Liou, D. Z., Tran, T., Chung, R., Melo, N., Margulies, D. R.  
2015; 197 (1): 162-6
- **Prospective derivation of a clinical decision rule for thoracolumbar spine evaluation after blunt trauma: An American Association for the Surgery of Trauma Multi-Institutional Trials Group Study.** *The journal of trauma and acute care surgery*  
Inaba, K., Nosanov, L., Menaker, J., Bosarge, P., Williams, L., Turay, D., Cachecho, R., de Moya, M., Bukur, M., Carl, J., Kobayashi, L., Kaminski, S., Beekley, et al  
2015; 78 (3): 459-65; discussion 465-7
- **Impact of positive fluid balance on critically ill surgical patients: a prospective observational study.** *Journal of critical care*  
Barmparas, G., Liou, D., Lee, D., Fierro, N., Bloom, M., Ley, E., Salim, A., Bukur, M.  
2014; 29 (6): 936-41
- **Defining early trauma-induced coagulopathy using thromboelastography.** *The American surgeon*  
Liou, D. Z., Shafi, H., Bloom, M. B., Chung, R., Ley, E. J., Salim, A., Tcherniantchouk, O., Margulies, D. R.  
2014; 80 (10): 994-8
- **Prehospital hypertension is predictive of traumatic brain injury and is associated with higher mortality.** *The journal of trauma and acute care surgery*  
Barmparas, G., Liou, D. Z., Lamb, A. W., Gangi, A., Chin, M., Ley, E. J., Salim, A., Bukur, M.  
2014; 77 (4): 592-8

- **To swab or not to swab? A prospective analysis of 341 SICU VRE screens.** *The journal of trauma and acute care surgery*  
Liou, D. Z., Barmparas, G., Ley, E. J., Salim, A., Tareen, A., Casas, T., Lee, D., Bukur, M.  
2014; 76 (5): 1192-200
- **Breast-conserving therapy for triple-negative breast cancer.** *JAMA surgery*  
Gangi, A., Chung, A., Mirocha, J., Liou, D. Z., Leong, T., Giuliano, A. E.  
2014; 149 (3): 252-8
- **Gastric Adjustable Band as a Retained Foreign Object: A Case Report** *BARIATRIC SURGICAL PRACTICE AND PATIENT CARE*  
Felder, S. I., Liou, D. Z., Gangi, A.  
2013; 8 (4): 166-68
- **Surgical management of advanced adrenocortical carcinoma: a 21-year population-based analysis.** *The American surgeon*  
Tran, T. B., Liou, D., Menon, V. G., Nissen, N. N.  
2013; 79 (10): 1115-8
- **Gender impacts mortality after traumatic brain injury in teenagers** *JOURNAL OF TRAUMA AND ACUTE CARE SURGERY*  
Ley, E. J., Short, S. S., Liou, D. Z., Singer, M. B., Mirocha, J., Melo, N., Bukur, M., Salim, A.  
2013; 75 (4): 682-86
- **Supratherapeutic vancomycin levels after trauma predict acute kidney injury and mortality.** *The Journal of surgical research*  
Ley, E. J., Liou, D. Z., Singer, M. B., Mirocha, J., Srour, M., Bukur, M., Margulies, D. R., Salim, A.  
2013; 184 (1): 501-6
- **Midodrine: a novel therapeutic for refractory chylothorax.** *Chest*  
Liou, D. Z., Warren, H., Maher, D. P., Soukiasian, H. J., Melo, N., Salim, A., Ley, E. J.  
2013; 144 (3): 1055-1057
- **Emergency department blood transfusion: the first two units are free** *JOURNAL OF SURGICAL RESEARCH*  
Ley, E. J., Liou, D. Z., Singer, M. B., Mirocha, J., Melo, N., Chung, R., Bukur, M., Salim, A.  
2013; 184 (1): 546-50
- **Insurance type, not race, predicts mortality after pediatric trauma.** *The Journal of surgical research*  
Short, S. S., Liou, D. Z., Singer, M. B., Bloom, M. B., Margulies, D. R., Bukur, M., Salim, A., Ley, E. J.  
2013; 184 (1): 383-7
- **Does a history of postoperative ileus predispose to recurrent ileus after multistage ileal pouch-anal anastomosis?** *Techniques in coloproctology*  
Le, Q., Liou, D. Z., Murrell, Z., Fleshner, P.  
2013; 17 (4): 383-8
- **Insurance-and race-related disparities decrease in elderly trauma patients.** *The journal of trauma and acute care surgery*  
Singer, M. B., Liou, D. Z., Clond, M. A., Bukur, M., Mirocha, J., Margulies, D. R., Salim, A., Ley, E. J.  
2013; 74 (1): 312-6
- **Acute kidney injury in elderly trauma: not associated with admission IV contrast.** *J Trauma Treat*  
Liou, D. Z., Berry, C., Singer, M. B., Rudd, S., Torbati, S. S., Silka, P. A., Bukur, M., Salim, A., Ley, E. J.  
2013; 2 (172)
- **Support for blood alcohol screening in pediatric trauma.** *American journal of surgery*  
Ley, E. J., Singer, M. B., Short, S. S., Liou, D., Bukur, M., Malinoski, D. J., Margulies, D. R., Salim, A.  
2012; 204 (6): 939-43; discussion 943
- **Increasing intent to donate in Hispanic American high school students: results of a prospective observational study.** *Transplantation proceedings*  
Salim, A., Berry, C., Ley, E. J., Liou, D. Z., Schulman, D., Navarro, S., Zheng, L., Chan, L. S.  
2012; 45 (1): 13-9
- **Preoperative FDG-PET for axillary metastases in patients with breast cancer.** *Archives of surgery (Chicago, Ill. : 1960)*  
Chung, A., Liou, D., Karlan, S., Waxman, A., Fujimoto, K., Hagiike, M., Phillips, E. H.  
2006; 141 (8): 783-8; discussion 788-9

- **Selective nonoperative management of abdominal stab wounds: prospective, randomized study.** *World journal of surgery*  
Leppäniemi, A. K., Haapiainen, R. K.  
1996; 20 (8): 1101-5; discussion 1105-6