

Stanford



Jeff Choi

Fellow in Surgery - General Surgery

Bio

BIO

Chief Surgical Critical Care Fellow ('25-'26).

Former Stanford General Surgery resident (Administrative Chief Resident '24-'25).

Ex-president of Surgeons Writing About Trauma.

Founding course instructor of SURG238: Practical Introduction to Surgical Research.

My research vision is to save or better the most possible number of lives using data. My group focuses on:

- 1) building and implementing useful clinical prediction tools
- 2) bringing various AI applications (e.g. NLP, vision) to the bedside
- 3) optimization algorithms and geospatial analysis to improve access to care
- 4) challenging dogma in surgical practice with contemporary data

We collaborate with trauma surgery and data science colleagues in the US and South Korea.

My passions are advocating for higher statistical and machine learning methodology quality in surgical literature, and fostering the growth of the next generation of clinician-data scientists.

CLINICAL FOCUS

- Fellow

HONORS AND AWARDS

- Co-Winner, Artificial Intelligence in Surgery Essay Competition, American College of Surgeons Resident and Associate Society (2024)
- 2nd Place, Resident Research Competition, Pacific Coast Surgical Association (2023)
- Reviewer of the Month, Journal of Trauma and Acute Care Surgery (2023)
- Division of General Surgery Resident Professional Development Award, Stanford Department of Surgery (2020, 2021)
- CWIS-KLS Martin Resident Research Fellowship in Chest Wall Injury Outcomes, Chest Wall Injury Society (2020)
- Neil and Claudia Doerhoff Scholar, Neil and Claudia Doerhoff fund (2019)
- Travel Scholarship, American Association for the Surgery of Trauma (2018)

- Vascular Surgery Intern of the Year, Stanford Department of Surgery (2018)
- Best Medical Student Research Award, Emile F. Holman Lecture & Research Day (2017)
- Trainee Award, Technological Innovations in Immunology, American Association of Immunologists (2016)
- Best Basic Science Research, World Korean Medical Organization (2014)
- Best Cultural Essay, World Korean Medical Organization (2014)
- Medical Scholars Award, Stanford University School of Medicine (2014)
- Young Innovator Award, American Society of Transplantation (2014)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair, Research Committee, American Association for the Surgery of Trauma- Associate Members (2024 - present)
- Chair, Scholarship and Development Committee, American Association for the Surgery of Trauma- Associate Members (2023 - 2024)
- Associate Member Council, American Association for the Surgery of Trauma (2023 - present)
- Research Committee, Chest Wall Injury Society (2021 - 2023)
- Publications Committee, Chest Wall Injury Society (2022 - 2023)
- Manuscript and Literature Review Committee, Eastern Association for the Surgery of Trauma (2023 - present)
- Healthcare Economics Committee, American Association for the Surgery of Trauma (2023 - present)

MEMBERSHIP ORGANIZATIONS

- Stanford Healthcare Consulting Group, Senior Partner

PROFESSIONAL EDUCATION

- BSc, Cornell University , Policy Analysis and Management (2013)
- MD, Stanford University (2017)
- MSc, Stanford University , Epidemiology and Clinical Research (2020)
- MSc, Stanford University , Biomedical Informatics (2021)
- Resident, Stanford University Department of Surgery (2025)
- Administrative Chief Resident, Stanford University Department of Surgery (2025)

Publications

PUBLICATIONS

- **State Trauma Center Designation Criteria and Expansion of For-Profit vs Nonprofit Trauma Centers.** *JAMA network open*
Narayan, S., Cho, N. Y., Chattopadhyay, K., Spain, D. A., Staudenmayer, K., Choi, J.
2026; 9 (5): e2613256
- **Trauma Activation Fees Among For-profit and Nonprofit Trauma Centers: Hierarchical Spatial Clustering Analysis of Regional Market Competition, and Socioeconomic Characteristics of Neighboring Residents.** *Annals of surgery*
Hur, D. G., Hameed, S. M., Choi, J.
2025
- **Common statistical pitfalls in clinical research: The guide to avoid misinterpreting p values, confidence intervals, odds ratios, and more.** *The journal of trauma and acute care surgery*
Choi, J., Garwe, T.
2025
- **Artificial intelligence in surgery research: Successfully implementing AI clinical decision support models.** *The journal of trauma and acute care surgery*
Choi, J.

2025

- **Diminishing Objectivity in the Residency Application Process.** *JAMA*
Agolia, J., Green, A., Spain, D. A., Choi, J.
2025
- **Delivering Impactful Scientific Oral Presentations.** *JAMA surgery*
Choi, J., Spain, D. A.
2024
- **Pediatric Trauma Center Access, Regional Injury Burden, and Socioeconomic Disadvantage.** *JAMA surgery*
Hur, D. G., Ren, A. L., Yue, T. M., Spain, D. A., Choi, J.
2024
- **Career Trajectory After General Surgery Residency: Do Academic Program Graduates Pursue Academic Surgery?** *Annals of surgery*
Green, A., Sommer, E. R., Johnson, M. R., Gonzalez, H., Sia, T., Spain, D. A., Choi, J.
2024
- **Access to Burn Care in the US.** *JAMA surgery*
Hur, D. G., Yao, J., Yue, T. M., Sheckter, C. C., Choi, J.
2024
- **Development and Validation of a Model to Quantify Injury Severity in Real Time.** *JAMA network open*
Choi, J., Vendrow, E. B., Moor, M., Spain, D. A.
2023; 6 (10): e2336196
- **TraumaICDBERT, A Natural Language Processing Algorithm to Extract Injury ICD-10 Diagnosis Code from Free Text.** *Annals of surgery*
Choi, J., Chen, Y., Sivura, A., Vendrow, E. B., Wang, J., Spain, D. A.
2023
- **For-Profit Status and Geographic Distribution of Trauma Centers in the US.** *JAMA surgery*
Handley, T. J., Kang, A., Alawa, J., Arnow, K., Spain, D. A., Choi, J.
2023
- **Maturing as an Impactful Academic Surgeon during Residency Research Time.** *Annals of surgery*
Choi, J., Spain, D. A.
2022
- **Explainable Machine Learning to Bring Database to the Bedside: Development and Validation of the TROUT (Trauma fRaily OUTcomes) Index, a Point-of-Care Tool to Prognosticate Outcomes after Traumatic Injury based on Frailty.** *Annals of surgery*
Choi, J., Anderson, T., Tennakoon, L., Spain, D. A., Forrester, J. D.
2022
- **Access to American College of Surgeons Committee on Trauma-Verified Trauma Centers in the US, 2013-2019.** *JAMA*
Choi, J., Karr, S., Jain, A., Harris, T. C., Chavez, J. C., Spain, D. A.
2022; 328 (4): 391-393
- **Access to American College of Surgeons Committee on Trauma-Verified Trauma Centers in the US, 2013-2019** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Choi, J., Karr, S., Jain, A., Harris, T. C., Chavez, J. C., Spain, D. A.
2022; 328 (4): 391-393
- **The Need to Routinely Convert Emergency Cricothyroidotomy to Tracheostomy: A Systematic Review and Meta-Analysis.** *Journal of the American College of Surgeons*
Choi, J., Anderson, T. N., Sheira, D., Sousa, J., Borghi, J. A., Spain, D. A., Knowlton, L. M.
2022; 234 (5): 947-952
- **Clinical Prediction Tools in Trauma: Where Do We Go From Here?** *JAMA network open*
Choi, J., Forrester, J. D.
2022; 5 (1): e2145867

- **The Weight of Surgical Knowledge: Navigating Information Overload.** *Annals of surgery*
Choi, J., Stave, C., Spain, D. A.
2021
- **Prospective study of long-term quality-of-life after rib fractures.** *Surgery*
Choi, J., Khan, S., Sheira, D., Hakes, N. A., Aboukhater, L., Spain, D. A.
1800
- **Citation Inaccuracies in Influential Surgical Journals.** *JAMA surgery*
Choi, J., Gupta, A., Kaghazchi, A., Htwe, T. S., Baiocchi, M., Spain, D. A.
2021
- **Rib Fracture Frailty Index: A Risk-Stratification Tool for Geriatric Patients with Multiple Rib Fractures.** *The journal of trauma and acute care surgery*
Choi, J., Marafino, B. J., Vendrow, E. B., Tennakoon, L., Baiocchi, M., Spain, D. A., Forrester, J. D.
2021
- **Practical Computer Vision Application to Compute Total Body Surface Area Burn: Reappraising a Fundamental Burn Injury Formula in the Modern Era.** *JAMA surgery*
Choi, J., Patil, A., Vendrow, E., Touponse, G., Aboukhater, L., Forrester, J. D., Spain, D. A.
2021
- **Nationwide Cost-Effectiveness Analysis of Surgical Stabilization of Rib Fractures by Flail Chest Status and Age Groups.** *The journal of trauma and acute care surgery*
Choi, J., Mulaney, B., Laohavinij, W., Trimble, R., Tennakoon, L., Spain, D. A., Salomon, J. A., Goldhaber-Fiebert, J. D., Forrester, J. D.
2020
- **Safety of Foregoing Operation for Small Bowel Obstruction in the Virgin Abdomen: Systematic Review and Meta-Analysis.** *Journal of the American College of Surgeons*
Choi, J. n., Fisher, A. T., Mulaney, B. n., Anand, A. n., Carlos, G. n., Stave, C. D., Spain, D. A., Weiser, T. G.
2020
- **Surgical Stabilization of Rib Fracture to Mitigate Pulmonary Complication and Mortality: A Systematic Review and Bayesian Meta-Analysis.** *Journal of the American College of Surgeons*
Choi, J. n., Gomez, G. I., Kaghazchi, A. n., Borghi, J. A., Spain, D. A., Forrester, J. D.
2020
- **Prospective Study of Short-Term Quality-of-Life After Traumatic Rib Fractures.** *The journal of trauma and acute care surgery*
Choi, J. n., Khan, S. n., Hakes, N. A., Carlos, G. n., Seltzer, R. n., Jaramillo, J. D., Spain, D. A.
2020
- **Pain Scores in Geriatric vs Nongeriatric Patients With Rib Fractures.** *JAMA surgery*
Choi, J. n., Khan, S. n., Zmary, K. n., Tennakoon, L. n., Spain, D. A.
2020
- **Trauma Activation Fee Variations Across Hospital Ownership, Safety-net, American College of Surgeons Committee-on-Trauma Verification, and State Designation Status.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
Cho, N. Y., Hur, D. G., Withington, C., Ali, K., Kwon, O. J., Jafarpour, A., Benharash, P., Hameed, S. M., Choi, J.
2026; 7 (1): e649
- **Female department chairs and diversity among general surgery applicants and entering residents** *SURGERY OPEN SCIENCE*
Ren, A. L., Choi, J., Wren, S. M.
2025; 28: 101-103
- **Female department chairs and diversity among general surgery applicants and entering residents.** *Surgery open science*
Ren, A. L., Choi, J., Wren, S. M.
2025; 28: 101-103
- **Association Among Fragmented Trauma Care, Mortality, and Major Complications: Optimizing Care for the Injured Beyond the Initial Hospitalization.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
Wang, B. K., Green, A., Zogg, C. K., Tennakoon, L., Spain, D. A., Choi, J.

2025; 6 (3): e591

- **Diversity and Expertise Among Authors of U.S. Surgical Society Clinical Guidelines.** *The American surgeon*
Berg, A., Chattopadhyay, K., Chung, Y., Tang, K., Cho, N. Y., Tennakoon, L., Spain, D. A., Choi, J.
2025: 31348251367049
- **US Capacity for Critical Care in a Mass Casualty Incident.** *JAMA surgery*
Green, A., Le, A., Hur, D. G., Choi, J., Staudenmayer, K., Ibrahim, A. M., Sheckter, C. C.
2025
- **National trends in crowdfunding for neurosurgery: Scalable natural language processing of publicly available data using a large language model.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Patil, A., Gerstl, J. V., Choi, J., Smith, T., Huang, K. T.
2025; 139: 111477
- **Objectivity in the Residency Application Process-Reply.** *JAMA*
Agolia, J., Spain, D. A., Choi, J.
2025
- **Regression analysis in clinical research.** *The journal of trauma and acute care surgery*
Zakhary, B. L., Choi, J.
2025
- **Prospective multicenter external validation of the rib fracture frailty index.** *The journal of trauma and acute care surgery*
Choi, J., Villarreal, J. A., Handelsman, R., Kirkorowicz, J., Knight, A., Kumar, A., McNabb, E., Perlstein, J., Tesoriero, R. B., Tsui, E. Y., White, C., Forrester, J. D.
2025
- **CT pan-scanning versus targeted imaging among older adults after ground level falls.** *Trauma surgery & acute care open*
Touponse, G., Choi, J., Calderon, C., Luna, S. E., Tennakoon, L., Ko, A.
2025; 10 (1): e001534
- **An introduction to clinical prediction models using logistic regression in acute care surgery research: Methodologic considerations and common pitfalls.** *The journal of trauma and acute care surgery*
Garwe, T., Choi, J.
2025
- **Artificial intelligence applied to electrocardiogram to rule out acute myocardial infarction: the ROMIAE multicentre study.** *European heart journal*
Lee, M. S., Shin, T. G., Lee, Y., Kim, D. H., Choi, S. H., Cho, H., Lee, M. J., Jeong, K. Y., Kim, W. Y., Min, Y. G., Han, C., Yoon, J. C., Jung, et al
2025
- **Time delay and evidence profiles forming clinical recommendations of US surgical society guidelines.** *Surgery*
Berg, A., Cho, N. Y., Chattopadhyay, K., Narayan, S., Alawa, J., Spain, D. A., Choi, J.
2024: 108916
- **Beyond American College of Surgeons Verification: Quality Metrics Associated with High Performance at Level I and II Trauma Centers.** *Journal of the American College of Surgeons*
Cho, N. Y., Choi, J., Mallick, S., Bamparas, G., Machado-Aranda, D., Tillou, A., Margulies, D., Benharash, P.
2024
- **The burden of readmissions after rib fractures among older adults.** *Surgery*
Choi, J., Hur, D. G., Tennakoon, L., Spain, D. A., Staudenmayer, K.
2024
- **Serratus anterior plane block improves pain and incentive spirometry volumes in trauma patients with multiple rib fractures: a prospective cohort study.** *Trauma surgery & acute care open*
Sadauskas, V., Fofana, M., Brunson, D., Choi, J., Spain, D., Quinn, J. V., Duanmu, Y.
2024; 9 (1): e001183
- **Practical guide to building machine learning-based clinical prediction models using imbalanced datasets.** *Trauma surgery & acute care open*

- Luu, J., Borisenko, E., Przekop, V., Patil, A., Forrester, J. D., Choi, J.
2024; 9 (1): e001222
- **Role of Vena Cava Filter in the Prophylaxis and Treatment of Venous Thromboembolism in Injured Adult Patients: A Systematic Review, Meta-Analysis, and Practice Management Guideline from the Eastern Association for the Surgery of Trauma.** *The journal of trauma and acute care surgery*
Bhattacharya, B., Kodadek, L., Nichiporenko, I., Morrissey, S., Kirsch, J., Choi, J., Ladhani, H., Kasotakis, G., Mukherjee, K., Narsule, C., Sharma, R., Ruangvoravat, L., Grushka, et al
2024
 - **Thoracic and Lumbar Spine Injury: Evidence-Based Diagnosis, Management, and Outcomes.** *The American surgeon*
Gomez, G. I., Li, G. Q., Valido, A. A., Stoner, A. J., Bromley-Dulfano, R. A., Sheira, D., Gonzalez, C. A., Khan, S. I., Choi, J., Zygourakis, C. C., Weiser, T. G.
2023: 31348231216479
 - **Clinical prediction tool pitfalls and considerations: Data and algorithms.** *Surgery*
Choi, J., Marwaha, J. S.
2023
 - **An Open-Source Curriculum to Teach Practical Academic Research Skills.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
Lee, J. J., Korndorffer, J. R., Knowlton, L. M., Choi, J.
2023; 4 (3): e329
 - **Guest editor's introduction to the series.** *Surgery*
Choi, J.
2023
 - **Artificial Intelligence-enabled Decision Support in Surgery: State-of-the-art and Future Directions.** *Annals of surgery*
Loftus, T. J., Altieri, M. S., Balch, J. A., Abbott, K. L., Choi, J., Marwaha, J. S., Hashimoto, D. A., Brat, G. A., Raftopoulos, Y., Evans, H. L., Jackson, G. P., Walsh, D. S., Tignanelli, et al
2023
 - **FasterRib: A Deep Learning Algorithm to Automate Identification and Characterization of Rib Fractures on Chest Computed Tomography Scans.** *The journal of trauma and acute care surgery*
Edamadaka, S., Brown, D. J., Swaroop, R., Kolodner, M., Spain, D. A., Forrester, J. D., Choi, J.
2023
 - **An Open-Source Curriculum to Teach Practical Academic Research Skills** *Annals of Surgery Open*
Lee, J. J., Korndorffer, J. R., Knowlton, L. M., Choi, J.
2023; 4 (3)
 - **Appraising the Quality of Development and Reporting in Surgical Prediction Models.** *JAMA surgery*
Marwaha, J. S., Chen, H. W., Habashy, K., Choi, J., Spain, D. A., Brat, G. A.
2022
 - **Evidence-based surgery for laparoscopic cholecystectomy.** *Surgery open science*
Fisher, A. T., Bessoff, K. E., Khan, R. I., Touponse, G. C., Yu, M. M., Patil, A. A., Choi, J., Stave, C. D., Forrester, J. D.
2022; 10: 116-134
 - **Challenges in Closing the Gap between Evidence and Practice: International Survey of Institutional Surgical Stabilization of Rib Fractures Guidelines.** *The journal of trauma and acute care surgery*
Choi, J., Badrinathan, A., Shine, R., Benz, C., Toia, A., Whitbeck, S., Kryskow, M., White, T., Kirsch, J.
2022
 - **DeepBackRib: Deep Learning to Understand Factors Associated with Readmissions after Rib Fractures.** *The journal of trauma and acute care surgery*
Choi, J., Alawa, J., Tennakoon, L., Forrester, J. D.
2022
 - **Associations of Hearing Loss Severity and Hearing Aid Use With Hospitalization Among Older US Adults.** *JAMA otolaryngology-- head & neck surgery*

- Thai, A., Khan, S. I., Choi, J., Ma, Y., Megwalu, U. C.
2022
- **Building a Trainee-led Research Community to Propel Academic Productivity in Health Services Research.** *Journal of surgical education*
Choi, J., Tennakoon, L., Khan, S., Jaramillo, J. D., Rajasingh, C. M., Hakes, N. A., Forrester, J. D., Knowlton, L. M., Nassar, A. K., Weiser, T. G., Spain, D. A.
2022
 - **Surgical stabilization versus nonoperative treatment for flail and non-flail rib fracture patterns in patients with traumatic brain injury.** *European journal of trauma and emergency surgery : official publication of the European Trauma Society*
Prins, J. T., Van Lieshout, E. M., Ali-Osman, F., Bauman, Z. M., Caragounis, E. C., Choi, J., Christie, D. B., Cole, P. A., DeVoe, W. B., Doben, A. R., Eriksson, E. A., Forrester, J. D., Fraser, et al
2022
 - **Contemporary management of obturator hernia.** *Trauma surgery & acute care open*
Anderson, T., Bessofo, K. E., Spain, D., Choi, J.
2022; 7 (1): e001011
 - **Scalable Deep Learning Algorithm to Compute Percent Pulmonary Contusion among Patients with Rib Fractures.** *The journal of trauma and acute care surgery*
Choi, J., Mavrommati, K., Li, N. Y., Patil, A., Chan, K., Hindin, D. I., Forrester, J. D.
2022
 - **Outcome-specific Injury Scores (OSIS): Development and Validation of Tailored Prediction Tools for Injured Older Adults**
Choi, J., Tennakoon, L., Spain, D. A., Staudenmayer, K. L.
ELSEVIER SCIENCE INC.2021: E74
 - **Associations of Hearing Loss and Hearing Aid Use with Hospitalization in the Elderly**
Thai, A., Khan, S. I., Choi, J., Megwalu, U. C.
ELSEVIER SCIENCE INC.2021: S170-S171
 - **Traumatic Injury and Death Among Law Enforcement Officers**
Patil, A., Tennakoon, L., Choi, J., Hakes, N., Spain, D. A., Tung, J.
ELSEVIER SCIENCE INC.2021: E94
 - **Scoping review of traumatic hemothorax: Evidence and knowledge gaps, from diagnosis to chest tube removal.** *Surgery*
Choi, J., Villarreal, J., Andersen, W., Min, J. G., Touponse, G., Wong, C., Spain, D. A., Forrester, J. D.
2021
 - **Practical computer vision application to detect hip fractures on pelvic X-rays: a bi-institutional study.** *Trauma surgery & acute care open*
Choi, J., Hui, J. Z., Spain, D., Su, Y. S., Cheng, C. T., Liao, C. H.
2021; 6 (1): e000705
 - **The impact of trauma systems on patient outcomes.** *Current problems in surgery*
Choi, J., Carlos, G., Nassar, A. K., Knowlton, L. M., Spain, D. A.
2021; 58 (1): 100840
 - **Evidence-based surgery for laparoscopic appendectomy: A stepwise systematic review.** *Surgery open science*
Bessofo, K. E., Choi, J., Wolff, C. J., Kashikar, A., Carlos, G. M., Caddell, L., Khan, R. I., Stave, C. D., Spain, D. A., Forrester, J. D.
2021; 6: 29-39
 - **Intercostal Nerve Cryoablation during Surgical Stabilization of Rib Fractures.** *The journal of trauma and acute care surgery*
Choi, J., Min, J. G., Jopling, J. K., Meshkin, S., Bessofo, K. E., Forrester, J. D.
2021
 - **Efficacy of intercostal cryoneurolysis as an analgesic adjunct for chest wall pain after surgery or trauma: a systematic review** *Trauma Surgery & Acute Care Open*
Cha, P. I., Min, J. G., Patil, A., Choi, J., Kothary, N. N., Forrester, J. D.
2021: e000690

- **Systematic Review and Meta-Analysis of Hardware Failure in Surgical Stabilization of Rib Fractures: Who, What, When, Where, and Why?** *The Journal of surgical research*
Choi, J., Kaghazchi, A., Sun, B., Woodward, A., Forrester, J. D.
2021; 268: 190-198
- **Complication to consider: delayed traumatic hemothorax in older adults** *Trauma Surgery Acute Care Open*
Choi, J., Anand, A., Sborov, K. D., Walton, W., Chow, L., Guillaumondegui, O., Dennis, B. M., Spain, D., Staudenmayer, K.
2021
- **Heterogeneity in managing rib fractures across non-trauma and level I, II, and III trauma centers.** *American journal of surgery*
Choi, J. n., Kaghazchi, A. n., Dickerson, K. L., Tennakoon, L. n., Spain, D. A., Forrester, J. D.
2021
- **Concomitant Sternal Fractures: Harbinger of Worse Pulmonary Complications and Mortality in Patients With Rib Fractures.** *The American surgeon*
Choi, J. n., Mulaney, B. n., Sun, B. n., Trimble, R. n., Tennakoon, L. n., Spain, D. A., Forrester, J. D.
2021: 3134821991978
- **Early National Landscape of Surgical Stabilization of Sternal Fractures.** *World journal of surgery*
Choi, J. n., Khan, S. n., Syed, M. n., Tennakoon, L. n., Forrester, J. D.
2021
- **Incidence and Management of Arterial Vascular Trauma in the US**
Kashikar, A., Choi, J., Tennakoon, L., Spain, D., Arya, S.
ELSEVIER SCIENCE INC.2020: E263–E264
- **Common, Severe, and Preventable: Agricultural Machinery Trauma in the US**
Hakes, N. A., Jaramillo, J. D., Choi, J., Spain, D. A., Tennakoon, L., Forrester, J. D.
ELSEVIER SCIENCE INC.2020: E231
- **Outcome after surgical stabilization of rib fractures versus nonoperative treatment in patients with multiple rib fractures and moderate to severe traumatic brain injury (CWIS-TBI).** *The journal of trauma and acute care surgery*
Prins, J. T., Van Lieshout, E. M., Ali-Osman, F. n., Bauman, Z. M., Caragounis, E. C., Choi, J. n., Benjamin Christie, D. n., Cole, P. A., DeVoe, W. B., Doben, A. R., Eriksson, E. A., Forrester, J. D., Fraser, et al
2020
- **Necessity of routine chest radiograph in blunt trauma resuscitation: time to evaluate dogma with evidence.** *The journal of trauma and acute care surgery*
Choi, J. n., Forrester, J. D., Spain, D. A.
2020
- **Pulmonary contusions in patients with rib fractures: The need to better classify a common injury.** *American journal of surgery*
Choi, J. n., Tennakoon, L. n., You, J. G., Kaghazchi, A. n., Forrester, J. D., Spain, D. A.
2020
- **Surgical Infection Society Guidelines for Antibiotic Use in Patients with Traumatic Facial Fractures.** *Surgical infections*
Forrester, J. D., Wolff, C. J., Choi, J. n., Colling, K. P., Huston, J. M.
2020
- **Creation and implementation of a novel clinical workflow based on the AAST uniform anatomic severity grading system for emergency general surgery conditions.** *Trauma surgery & acute care open*
Bessoff, K. E., Choi, J. n., Berekyei Merrell, S. n., Nassar, A. K., Spain, D. n., Knowlton, L. M.
2020; 5 (1): e000552
- **Prospectively Assigned AAST Grade versus Modified Hinchey Class and Acute Diverticulitis Outcomes.** *The Journal of surgical research*
Choi, J. n., Bessoff, K. n., Bromley-Dulfano, R. n., Li, Z. n., Gupta, A. n., Taylor, K. n., Wadhwa, H. n., Seltzer, R. n., Spain, D. A., Knowlton, L. M.
2020
- **A Novel Approach to Deliver Therapeutic Extracellular Vesicles Directly into the Mouse Kidney** *Cells*
Ullah, M., Liu, D. D., Rai, S., Razavi, M., Choi, J., Wang, J., Concepcion, W., Thakor, A. S.

2020; 9 (4): 937

- **Concurrent large bowel obstruction secondary to idiopathic mesenteroaxial gastric volvulus.** *Trauma surgery & acute care open*
Anand, A., Choi, J., Jaramillo, J. D., Lau, J.
2020; 5 (1): e000582
- **The impact of trauma systems on patient outcomes** *Current Problems in Surgery*
Choi, J., Carlos, G., Nassar, A. K., Knowlton, L. M., Spain, D. A.
2020
- **Lessons from Epidemics, Pandemics, and Surgery.** *Journal of the American College of Surgeons*
Hakes, N. A., Choi, J. n., Spain, D. A., Forrester, J. D.
2020
- **National readmission rates after surgical stabilization of traumatic rib fractures** *The Journal of Cardiothoracic Trauma*
Cha, P. I., Hakes, N. A., Choi, J., Tennakoon, L., Spain, D. A., Forrester, J. D.
2020; 5 (1): 16-21
- **Intravenous lidocaine as a non-opioid adjunct analgesic for traumatic rib fractures.** *PloS one*
Choi, J. n., Zamary, K. n., Barreto, N. B., Tennakoon, L. n., Davis, K. M., Trickey, A. W., Spain, D. A.
2020; 15 (9): e0239896
- **Evidenced-Based Practice Among Trainees: A Survey on Facial Trauma Wound Management.** *Journal of surgical education*
Choi, J. n., Traboulsi, A. A., Okland, T. S., Sadauskas, V. n., Perrault, D. n., Spain, D. A., Lorenz, H. P., Weiser, T. G.
2020
- **Review of Facial Trauma Management.** *The journal of trauma and acute care surgery*
Choi, J. n., Lorenz, H. P., Spain, D. A.
2020
- **Altered Mental Status and Hypercalcemia with a Splenic Mass.** *The journal of trauma and acute care surgery*
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