



Joseph (Joe) D Forrester MD MSc FACS

Assistant Professor of Surgery (General Surgery)
Surgery - General Surgery

CLINICAL OFFICE (PRIMARY)

- **Division of General Surgery**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Forrester is a fellowship-trained surgeon and an assistant professor of surgery in the Stanford Medicine Division of Acute Care Surgery.

He is the Trauma Medical Director for Stanford Health Care, Medical Director of the Stanford Chest Wall Injury Center, Associate Chair of Clinical Affairs, and the Physician Improvement Leader.

Prior to joining Stanford Medicine, Dr. Forrester was an epidemic intelligence service officer for the Centers for Disease Control and Prevention (CDC). He worked in the bacterial pathogen branch in the Division of Vector-Borne Diseases of the National Center for Emerging and Zoonotic Infectious Diseases. The CDC honored him for excellence in international, occupational, and environmental health.

He has helped advance the field of acute care surgery by participating in numerous quality improvement initiatives. He co-developed COVID-19 tracheostomy guidelines and led the team performing these procedures for Stanford Medicine. He also helped develop the best practice guidelines for surgical stabilization of rib fracture at Stanford Medicine.

Dr. Forrester has co-authored more than 140 articles and chapters published in Surgery, the Journal of Patient Safety, Journal of Trauma and Acute Care Surgery, Journal of the American College of Surgeons, JAMA Surgery, CDC's Morbidity and Mortality Weekly Report, Clinical Infectious Diseases, Emerging Infections, and elsewhere. Topics have included pain management after chest wall surgery, approaches to surgical stabilization of rib fractures, and health care-associated infections.

Dr. Forrester frequently presents nationally at meetings of the American College of Surgeons, AAST, Chest Wall Injury Society, Surgical Infection Society, Epidemiological Intelligence Service-CDC, and other organizations.

He is a member of the Chest Wall Injury Society, Surgical Infection Society, American Association for the Surgery of Trauma, and Wilderness Medicine Society where he holds leadership positions.

In the field of acute care surgery, he has particular clinical interest in patients with chest wall injury and enterocutaneous and enteroatmospheric fistulae.

CLINICAL FOCUS

- Trauma
- Surgical Infectious Disease
- General Surgery
- Wilderness Medicine
- Rib Fractures
- Rib Fracture Non-Union
- Surgical Critical Care
- Climate change
- Enterocutaneous and Enteroatmospheric fistulae
- Abdominal wall and chest wall hernia

ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Surgery - General Surgery

ADMINISTRATIVE APPOINTMENTS

- Trauma Medical Director, Stanford Health Care, (2024- present)
- Associate Chair - Clinical Affairs, Department of Surgery, (2023- present)
- Physician Improvement Leader, Department of Surgery, (2023- present)
- Associate Trauma Medical Director, Stanford Healthcare, (2020-2024)
- Director - Chest Wall Injury Center, Stanford Healthcare, (2020- present)

HONORS AND AWARDS

- Excellence in Board Service Award, Wilderness Medical Society (August, 2024)
- Denise O'Leary Award, Stanford Health Care (August, 2024)
- President's Award, Chest Wall Injury Society (April 2021)
- Best Session Presentation - "Gene Directed Surgery for Hereditary Diffuse Gastric Cancer", Pacific Coast Surgical Association (February 2018)
- International Exchange Scholarship - Dublin, Ireland, Resident and Associate Society - American College of Surgeons (November, 2016)
- Humanism and Excellence in Teaching Award, Gold Foundation (April, 2016)
- Excellence in International Program Delivery - Ebola, Liberia, Centers for Disease Control and Prevention (March, 2016)
- Honorable Discharge - Lieutenant, U.S. Public Health Service (June, 2015)
- Director's Recognition Award - Lyme Carditis, Centers for Disease Control and Prevention (May, 2015)
- Excellence in Emergency Response Award - Ebola, Liberia, Centers for Disease Control and Prevention (March, 2015)
- Epidemiology and Surveillance Government Service Award - Plague and Tularemia, US and abroad, Centers for Disease Control and Prevention (June, 2015)
- Paul C. Schnitker Award Finalist, Centers for Disease Control and Prevention (August, 2015)
- Travel Scholarship, American Association for the Surgery of Trauma (August, 2015)

- Honor Award, Centers for Disease Control and Prevention (April, 2015)
- Mitch Singal Award Finalist, Centers for Disease Control and Prevention (April, 2015)
- Excellence in Peer Review Award, Wilderness Medical Society (2013)
- R. Scott Jones Award in Surgery, University of Virginia (2010)
- Raven Society, University of Virginia (2010)
- Alpha Omega Alpha, University of Virginia (2009)
- Otis and Margaret T. Barnes Departmental Service Award, The Colorado College (2006)
- Phi Beta Kappa, The Colorado College (2006)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board of Directors, Wilderness Medical Society (2022 - 2024)
- Research Committee Chair, Wilderness Medical Society (2020 - 2022)
- Education Committee Chair, Chest Wall Injury Society (2022 - present)
- Education Committee, Chest Wall Injury Society (2019 - 2022)
- Faculty Fellow, Center for Innovation in Global Health (CIGH) (2021 - present)
- Committee Member, Therapeutics and Guidelines Committee - Surgical Infection Society (2019 - present)
- Member, Chest Wall Injury Society (2019 - present)
- Committee Member, Surgical Infection Society ad hoc Committee on Global Surgery (2018 - present)

PROFESSIONAL EDUCATION

- Board Certification: Surgical Critical Care, American Board of Surgery (2019)
- Fellowship: Stanford University Surgical Critical Care Fellowship (2019) CA
- Board Certification: General Surgery, American Board of Surgery (2018)
- General Surgery Residency, Stanford University (2018)
- EISO, Centers for Disease Control and Prevention , Epidemic Intelligence Service Officer, Bacterial Diseases Branch, Division of Vector-borne Diseases, National Center for Emerging and Zoonotic Infectious Disease (2013)
- MSc, London School of Hygiene and Tropical Medicine , Infectious Disease (2012)
- MD, The University of Virginia , Medicine (2011)
- BA, The Colorado College , Biochemistry (2006)

LINKS

- Explorer Surgeon YouTube site: https://www.youtube.com/channel/UC1ughCQuFETzfSaG_K0Zfzw

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am broadly interested in research exploring the care of the injured patient both in high- and low-resource settings. I have specific on-going projects assessing surgical site infection surveillance in low-resource settings, and surgical management of acute and chronic non-union rib fractures.

CLINICAL TRIALS

- A Feasibility Study to Evaluate Safety and Probable Benefit of the Eclipse XL1 System for Distraction Enterogenesis in Adult and Pediatric Patients with Short Bowel Syndrome, Recruiting
- Treatment of Adult Traumatic Rib Fractures With Percutaneous Cryoneurolysis, Recruiting
- Early Percutaneous Cryoablation for Pain Control After Rib Fractures Among Elderly Patients, Not Recruiting

Teaching

COURSES

2021-22

- Practical Introduction to Surgical Research: SURG 238 (Win)

STANFORD ADVISEES

Med Scholar Project Advisor

Dina Sheira

Publications

PUBLICATIONS

- **Post-discharge complications and follow-up timing after hospitalization for traumatic rib fractures.** *European journal of trauma and emergency surgery : official publication of the European Trauma Society*
Anderson, T. N., Earley, M., Rockwood, S. J., Zudock, E. J., Steeman, S. L., Footman, J. K., Castro, S., Myers, A. A., Flojo, R. A., Forrester, J. D.
2025; 51 (1): 78
- **Chest Wall Injury Society recommendations for long-term follow-up after nonoperatively and operatively managed traumatic rib and sternal fractures.** *The journal of trauma and acute care surgery*
Forrester, J. D., Choudhry, M. S., Fernandez-Moure, J., Kurle, J., Patel, B., Tung, J., Kartiko, S.
2024
- **Learning to SSRF-How we teach surgical stabilization of rib and sternal fractures.** *Current problems in surgery*
Tung, J., Forrester, J. D.
2024; 61 (11): 101610
- **Percutaneous Cryoneurolysis for Pain Control After Rib Fractures in Older Adults.** *JAMA surgery*
Wang, S., Earley, M., Kesselman, A., Vezeridis, A. M., Picel, A. C., Kothary, N., Forrester, J. D.
2024
- **The Surgical Infection Society Guidelines on the Management of Intra-Abdominal Infection: 2024 Update.** *Surgical infections*
Huston, J. M., Barie, P. S., Dellinger, E. P., Forrester, J. D., Duane, T. M., Tessier, J. M., Sawyer, R. G., Cainzos, M. A., Rasa, K., Chipman, J. G., Kao, L. S., Pieracci, F. M., Colling, et al
2024
- **Predicting Increased Incidence of Common Antibiotic-Resistant and Antibiotic-Associated Pathogens Using Ensemble Species Distribution Modeling.** *The Journal of infectious diseases*
Brough, S. C., Caddell, L., Liou, R. J., Patil, A., De Leo, G., Forrester, J. D.
2024
- **Chest Wall Injury Society (CWIS) recommendation for surgical stabilization of non-united rib fractures (SSNURF) to decrease pain, reduce opiate use, and improve patient reported outcomes in patients with rib fracture non-union after trauma.** *The journal of trauma and acute care surgery*
Forrester, J. D., Bauman, Z. M., Cole, P. A., Edwards, J. G., Knight, A., LaRoque, M., Raffa, T., White, T. W., Kartiko, S.
2023
- **Chest Wall Injury Society Recommendations for Management of Surgical Site or Implant-Related Infections After Surgical Stabilization of Traumatic Rib or Sternal Fractures.** *Surgical infections*
Forrester, J. D., Faliks, B., Cardarelli, C., Choudhry, M. S., Patel, B., Ricaurte, D., Sarani, B., Sfakianos, M., Kartiko, S., Huston, J. M.
2023
- **Effect of climate on surgical site infections and anticipated increases in the United States.** *Scientific reports*
Liou, R. J., Earley, M. J., Forrester, J. D.
2022; 12 (1): 19698

- **Surgical Infection Society: Chest Wall Injury Society Recommendations for Antibiotic Use during Surgical Stabilization of Traumatic Rib or Sternal Fractures to Reduce Risk of Implant Infection.** *Surgical infections*
Forrester, J. D., Bukur, M., Dvorak, J. E., Faliks, B., Hindin, D., Kartiko, S., Kheirbek, T., Lin, L., Manasa, M., Martin, T. J., Miskimins, R., Patel, B., Pieracci, et al
2022; 23 (4): 321-331
- **Chest wall injury centers-how we did it.** *Journal of thoracic disease*
Forrester, J. D., Bauman, Z. M., Doben, A. R., Eriksson, E. A.
2021; 13 (10): 6104-6107
- **Nationwide Cost-Effectiveness Analysis of Surgical Stabilization of Rib Fractures by Flail Chest Status and Age Groups** *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.
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
- **Cost of Health Care-Associated Infections in the United States.** *Journal of patient safety*
Forrester, J. D., Maggio, P. M., Tennakoon, L. n.
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
- **Precautions for Operating Room Team Members during the COVID-19 Pandemic.** *Journal of the American College of Surgeons*
Forrester, J. D., Nassar, A. K., Maggio, P. M., Hawn, M. T.
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
- **Cluster of Ebola Cases Among Liberian and US Health Care Workers in an Ebola Treatment Unit and Adjacent Hospital - Liberia, 2014** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Forrester, J. D., Hunter, J. C., Pillai, S. K., Arwady, M. A., Ayscue, P., Matanock, A., Monroe, B., Schafer, I. J., Nyenswah, T. G., De Cock, K. M.
2014; 63 (41): 925-929
- **Assessment of Ebola Virus Disease, Health Care Infrastructure, and Preparedness - Four Counties, Southeastern Liberia, August 2014** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Forrester, J. D., Pillai, S. K., Beer, K. D., Bjork, A., Neatherlin, J., Massaquoi, M., Nyenswah, T. G., Montgomery, J. M., De Cock, K.
2014; 63 (40): 891-893
- **Breaking waves and cartilage: Surgical management of costal cartilage injuries in surfing-related trauma.** *Trauma case reports*
Bendjemil, S., Forrester, J. D.
2025; 55: 101129
- **The role of respiratory therapy in rib fracture management.** *Current problems in surgery*
Anderson, T. N., Wang, S., Free, D., Forrester, J. D.
2024; 61 (12): 101664
- **Pleural Space Management in Thoracic Trauma.** *Journal of orthopaedic trauma*
Devine, E. E., Forrester, J. D.
2024; 38 (12S): S27-S32
- **Identifying a Futility Threshold for Emergency General Surgery in Post-Cardiac Surgery Cardiovascular ICU Patients**

Satyadi, W., Tennakoon, L., Forrester, J. D.
LIPPINCOTT WILLIAMS & WILKINS.2024: S157-S158

- **Percutaneous cryoneurolysis: new kid on the rib fracture pain 'Block'.** *Trauma surgery & acute care open*
Wang, S., Myers, A. A., Forrester, J. D.
2024; 9 (1): e001575
- **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
- ***Escherichia coli* Bacteremia in a Surgical Patient: Case Report and Review of the Literature** *SURGICAL INFECTIONS*
Wong, S., Forrester, J.
2024
- **Eyes on the prize: harnessing computer vision for automated detection of traumatic rib and clavicle fractures in chest radiographs.** *Trauma surgery & acute care open*
Villarreal, J. A., Forrester, J. D.
2024; 9 (1): e001455
- **Time to surgical stabilization of rib fractures: does it impact outcomes?** *Trauma surgery & acute care open*
Forrester, J. D., Sarani, B., Forssten, M. P., Cao, Y., Hildebrand, F., Mohammad Ismail, A., Ribeiro, M. A., Mohseni, S.
2024; 9 (1): e001233
- **An initiative to assess and improve the resources and patient care processes used among Chest Wall Injury Society collaborative centers (CWIS-CC2).** *The journal of trauma and acute care surgery*
Eriksson, E. A., Waite, A., Whitbeck, S. S., Bach, J. A., Bauman, Z. M., Cavlovic, L., Dale, K., DeVoe, W. B., Doben, A. R., Edwards, J. G., Forrester, J. D., Kaye, A. J., Green, et al
2023
- **Incidence of surgical rib fixation at chest wall injury society collaborative centers and a guide for expected number of cases (CWIS-CC1).** *European journal of trauma and emergency surgery : official publication of the European Trauma Society*
Eriksson, E. A., Wijffels, M. M., Kaye, A., Forrester, J. D., Moutinho, M., Majerick, S., Bauman, Z. M., Janowak, C. F., Patel, B., Wulschleger, M., Clevenger, L., Van Lieshout, E. M., Tung, et al
2023
- **Impact of Medicaid Expansion and Firearm Legislation on Cost of Firearm Injuries.** *American journal of preventive medicine*
Brough, S. C., Tennakoon, L., Spitzer, S. A., Thomas, A., Forrester, J. D., Spain, D. A., Weiser, T. G.
2023
- **Surgical fixation of a traumatic fracture through a congenitally anomalous sternum: a case report.** *Trauma surgery & acute care open*
Faliks, B., Thomas, E., Forrester, J. D.
2023; 8 (1): e001155
- **Challenges in trauma and acute care surgery.** *Trauma surgery & acute care open*
Agolia, J. P., Forrester, J. D.
2023; 8 (1): e001162
- **Xanthogranulomatous inflammation requiring small bowel anastomosis revision: A case report.** *World journal of gastrointestinal surgery*
Wang, W., Korah, M., Bessoff, K. E., Shen, J., Forrester, J. D.
2023; 15 (3): 488-494
- **Additional Outcomes and Limitations in the Treatment of Acute Unstable Chest Wall Injuries.** *JAMA surgery*
Forrester, J. D., Eriksson, E. A., Pieracci, F. M.
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

- **Components of Existing National Surgical Site Infection Surveillance Programs Based on a Case Series of Low- and Middle-Income Countries: Building Blocks for Success and Opportunities for Improvement.** *Surgical infections*
Forrester, J. D., Bekele, A., Stefan, A., Tshokey, T., Berndtson, A. E., Beyene, R. T., Chou, J., Sawyer, R. G., Valenzuela, J. Y., Rickard, J.
2023
- **Novel Use of a Real-Time Prediction Model to Enhance Early Detection of Need for Massive Transfusion-Artificial Intelligence Behind the Drapes.** *JAMA network open*
Villarreal, J. A., Forrester, J. D.
2022; 5 (12): e2246648
- **Pectoralis Major Tendon Rupture While Bouldering.** *Wilderness & environmental medicine*
Forrester, J. D., Chona, D. V., McAdams, T. R.
2022
- **Rib fracture fixation in a patient on veno-venous extracorporeal membrane oxygenation following a motor vehicle collision.** *Trauma surgery & acute care open*
Fawzy, Y., Hindin, D., Faliqs, B., Tung, J., Forrester, J. D.
2022; 7 (1): e001004
- **Cryoneurolysis: Interest and Caution.** *Anesthesiology*
Rathmell, J. P., Forrester, J. D., Schreiber, K.
2022; 137 (5): 521-523
- **Surgical Infection Society Guidelines: 2022 Updated Guidelines for Antibiotic Use in Open Extremity Fractures.** *Surgical infections*
Buckman, S. A., Forrester, J. D., Bessofo, K. E., Parli, S. E., Evans, H. L., Huston, J. M.
2022; 23 (9): 817-828
- **Evidence-based surgery for laparoscopic cholecystectomy.** *Surgery open science*
Fisher, A. T., Bessofo, 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
- **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
- **Female sex is independently associated with reduced inpatient mortality after endovascular repair of blunt thoracic aortic injury.** *Journal of vascular surgery*
Ho, V. T., Sorondo, S., Forrester, J. D., George, E. L., Tran, K., Lee, J. T., Garcia-Toca, M., Stern, J. R.
2022
- **Explainable Machine Learning to Bring Database to the Bedside: Development and Validation of the TROUT (Trauma fRailty 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
- **Effect of Seasonality on Variation Among Patients Presenting With Rib Fractures in the United States.** *The American surgeon*
Sheira, D., Tennakoon, L., Forrester, J. D.
2022: 31348221102609
- **Improving tracheostomy delivery for trauma and surgical critical care patients: timely trach initiative.** *BMJ open quality*
McShane, E. K., Sun, B. J., Maggio, P. M., Spain, D. A., Forrester, J. D.
2022; 11 (2)
- **A decade of hospital costs for firearm injuries in the United States by region, 2005-2015: government healthcare costs and firearm policies.** *Trauma surgery & acute care open*
Spitzer, S. A., Forrester, J. D., Tennakoon, L., Spain, D. A., Weiser, T. G.
2022; 7 (1): e000854
- **Surgical Infection Society Guidelines for Antibiotic Use in Patients Undergoing Cholecystectomy for Gallbladder Disease.** *Surgical infections*

- Colling, K. P., Besshoff, K. E., Forrester, J. D., Kendrick, D., Mercier, P., Huston, J. M.
2022
- **Infection with Two Multi-Drug-Resistant Organisms in Solid Organ Transplant Patients Is Associated with Increased Mortality and Prolonged Hospitalization.** *Surgical infections*
Cao, S., Tennakoon, L., Brubaker, A. L., Forrester, J. D.
2022
 - **Beyond 5 years: a matched cohort of sleeve gastrectomy versus gastric bypass.** *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery*
Blevins, K. S., Garcia, L., Forrester, J. D., Morton, J. M., Azagury, D. E.
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
 - **Clinical Prediction Tools in Trauma: Where Do We Go From Here?** *JAMA network open*
Choi, J., Forrester, J. D.
2022; 5 (1): e2145867
 - **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
 - **Effectiveness of emergency general surgery - some answers, more questions.** *Anaesthesia*
Forrester, J. D., Wren, S. M.
2022
 - **Prevention of Creutzfeldt-Jakob Disease in Patients Undergoing Surgery.** *JAMA network open*
Sun, B. J., Forrester, J. D.
2022; 5 (3): e221561
 - **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
 - **Surgery for Hereditary Diffuse Gastric Cancer: Long-Term Outcomes.** *Cancers*
Forrester, J. D., Foster, D., Ford, J. M., Longacre, T. A., Ladabaum, U., Fry, S., Norton, J. A.
2022; 14 (3)
 - **Influence of Socioeconomic and Environmental Determinants of Health on Human Infection and Colonization with Antibiotic-Resistant and Antibiotic-Associated Pathogens: A Scoping Review.** *Surgical infections*
Forrester, J. D., Cao, S., Schaps, D., Liou, R., Patil, A., Stave, C., Sokolow, S. H., Leo, G. D.
2022
 - **A Parallel Pandemic: Increased Firearm Injuries at Five Northern California Trauma Centers During the COVID-19 Pandemic, an Interrupted Time-Series Analysis.** *Annals of surgery*
Matthay, Z. A., Callcut, R. A., Kwok, A. M., Aarabi, S., Forrester, J. D., Kornblith, L. Z., Northern California Research Consortium for Trauma & Acute Care Surgery Study Group
1800
 - **Fatal Case of Perforated Cytomegalovirus Colitis: Case Report and Systematic Review.** *Surgical infections*
Fisher, A. T., Bessoff, K. E., Nicholas, V., Badger, J., Knowlton, L., Forrester, J. D.
2021
 - **Wilderness Medical Society Clinical Practice Guidelines for the Prevention and Management of Tick-Borne Illness in the United States** *WILDERNESS & ENVIRONMENTAL MEDICINE*

- Ho, B. M., Davis, H. E., Forrester, J. D., Sheele, J. M., Haston, T., Sanders, L., Lee, M., Lareau, S., Caudell, M., Davis, C. B.
2021; 32 (4): 474-494
- **Human-Factor Risk Mitigation in Outdoor Climbing Areas: Survey of Existing Policies in Regulated Climbing Areas** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Meltzer, J. H., Forrester, J. D.
2021; 32 (4): 457-462
 - **In Response. Anesthesia and analgesia**
Abola, R. E., Schwartz, J., Beg, T., Gan, T. J., Forrester, J.
2021; 133 (2): e30-e31
 - **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
 - **Outcomes after Surgery among Patients Diagnosed with One or More Multi-Drug-Resistant Organisms.** *Surgical infections*
Gupta, A. n., Tennakoon, L. n., 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
 - **Chest Wall Analgesia-Where Do We Go From Here?** *JAMA network open*
Bessofo, K. E., Ko, A., Forrester, J. D.
2021; 4 (11): e2133839
 - **Surgical Infection Society Guidelines for Total Abdominal Colectomy versus Diverting Loop Ileostomy with Antegrade Intra-Colonic Lavage for the Surgical Management of Severe or Fulminant, Non-Perforated Clostridioides difficile Colitis.** *Surgical infections*
Forrester, J. D., Colling, K. P., Diaz, J. J., Faliks, B., Kim, P. K., Tessier, J. M., Tung, J., Huston, J. M.
2021
 - **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
 - **Impact of COVID-19 on presentation, management, and outcomes of acute care surgery for gallbladder disease and acute appendicitis.** *World journal of gastrointestinal surgery*
Farber, O. N., Gomez, G. I., Titan, A. L., Fisher, A. T., Puntasecca, C. J., Arana, V. T., Kempinsky, A., Wise, C. E., Bessofo, K. E., Hawn, M. T., Korndorffer, J. R., Forrester, J. D., Esquivel, et al
2021; 13 (8): 859-870
 - **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
 - **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
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