

Stanford



Lisa Marie Knowlton, MD, MPH, FACS, FRCSC

Associate Professor of Surgery (General Surgery)
Surgery - General Surgery

CLINICAL OFFICE (PRIMARY)

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Knowlton is a trauma and critical care surgeon and NIH funded public health researcher whose focus is on improving access to and quality of care for trauma and surgical patients. She obtained her medical degree at McGill University and completed her general surgery residency at the University of British Columbia in Vancouver, Canada. Her desire to understand varied healthcare systems and develop solutions for vulnerable surgical populations led her to obtain an M.P.H. at the Harvard T.H. Chan School of Public Health and complete a research fellowship at the Harvard Humanitarian Initiative. Most recently, she trained as a Surgical Critical Care fellow at Stanford University Medical Center and joined the faculty as an Assistant Professor of Surgery in early 2018.

Dr. Knowlton's research focuses on improving health equity, addressing barriers in access to care and reducing disparities among vulnerable surgical populations, including underinsured trauma patients. She is also investigating the financial burden that injury imposes upon both patients and hospitals, with the goal of finding economically sustainable strategies for ensuring best outcomes among trauma patients. These include the study of emergency Medicaid programs at the state and national level. Dr. Knowlton's work has been funded by the American College of Surgeons (the 17th C. James Carrico Faculty Research Fellowship), the American Association for the Surgery of Trauma (AAST) and the NIH. She has received an R21 by the National Institute on Minority Health and Health Disparities, and most recently an R01 for her work (2023-2028). Dr. Knowlton is board certified by the American Board of Surgery and the Royal College of Physicians and Surgeons of Canada. She is a member of the AAST Diversity and Inclusion and Healthcare Economics Committees, and also serves on the Association for Academic Surgery's Publications Committee. She was the inaugural Chair of the Associate Member Council of the AAST and currently serves as the Associate Vice Chair of Research for the Stanford Department of Surgery. She was recently recognized by the AAST by receiving the 2023 Canizaro award for best presentation and manuscript at the annual meeting. Dr. Knowlton was also selected as the 2023-24 U.S. recipient of the James IV Surgical Association Traveling Fellowship.

CLINICAL FOCUS

- General Surgery
- Trauma Surgery
- Acute Care Surgery
- Surgical Critical Care

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Surgery - General Surgery
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Associate Vice Chair of Research, Department of Surgery, Stanford University Department of Surgery, (2023-2026)
- Associate Program Director, Stanford Surgical Critical Care Fellowship, Stanford University School of Medicine, (2020- present)
- Chair, AAST Associate Member Council, American Association for the Surgery of Trauma, (2020- present)
- General Surgery Resident Coach, Stanford University Department of Surgery, (2020-2023)

HONORS AND AWARDS

- R01 Research Project Grant, National Institute on Minority Health and Health Disparities (2023-2028)
- Associate Member Best Paper and Presentation Award, 81st Annual Meeting of the AAST, American Association for the Surgery of Trauma (September 2022)
- Pacific Invited Professorship, Visiting Professor Collaborative (UC Davis, UCSF, Stanford, OHSU, UW) (2022-2023)
- R21 Exploratory Development Grant, National Institute on Minority Health and Health Disparities (July 2021-June 2023)
- AAST Faculty Research Fellowship, American Association for the Surgery of Trauma (July 2020-July 2021)
- McCormick and Gabilan Faculty Fellow, Stanford University Office for Faculty Development and Diversity (2020-2022)
- Stanford Department of Surgery Faculty Seed Grant, Stanford Department of Surgery (March 2020-March 2021)
- C. James Carrico Faculty Research Fellowship, American College of Surgeons (July 2018-July 2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Fellow, American College of Surgeons (2020 - present)
- Member, Association for Women Surgeons (2020 - present)
- Publications Committee, Association for Academic Surgery (2020 - present)
- Diversity and Inclusion Cabinet, Stanford Department of Surgery (2020 - present)
- Healthcare and Economics Committee, American Association for the Surgery of Trauma (2019 - present)
- Early Clinical Deterioration Committee, Surgery Lead, Stanford University Medical Center (2019 - present)
- Member, Association for Academic Surgery (2019 - present)
- Associate Member, American Association for the Surgery of Trauma (2019 - present)
- Diversity and Inclusion Committee, American Association for the Surgery of Trauma (2019 - present)
- Member, Canadian Association of General Surgeons (2014 - present)

PROFESSIONAL EDUCATION

- Board Certification: Surgical Critical Care, American Board of Surgery (2018)
- Board Certification: General Surgery, American Board of Surgery (2016)
- Fellowship: Stanford University Medical Center (2016) CA
- Board Certification: General Surgery, Royal College of Physicians and Surgeons of Canada (2014)
- Residency: University of British Columbia - UBC (2014) Canada
- Master of Public Health, Harvard T.H. Chan School of Public Health , Quantitative Methods / Global Health (2010)
- Internship: University of British Columbia - UBC (2008) Canada
- Medical Education: McGill University - Faculty of Medicine (2007) Canada

Teaching

COURSES

2023-24

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

2022-23

- Practical Introduction to Surgical Research: SURG 238 (Win)
- Seminar in Global Surgery and Anesthesia: SURG 236 (Win)

2021-22

- Practical Introduction to Surgical Research: SURG 238 (Win)
- Seminar in Global Surgery and Anesthesia: SURG 236 (Win)

2020-21

- Practical Introduction to Surgical Research: SURG 238 (Win)
- Seminar in Global Surgery and Anesthesia: SURG 236 (Win)

STANFORD ADVISEES

Med Scholar Project Advisor

Ana Carolina Boncompagni, Clare Kennedy

Publications

PUBLICATIONS

- **Small bowel obstruction due to a migrated pyloric stent.** *Trauma surgery & acute care open*
Agolia, J. P., Wang, S., Fisher, A., Bryan, J. L., Knowlton, L. M.
2024; 9 (1): e001443
- **Value in Acute Care Surgery, Part 3: Defining Value in Acute Surgical Care - It Depends on the Perspective.** *The journal of trauma and acute care surgery*
Ayoung-Chee, P. R., Gore, A. V., Bruns, B., Knowlton, L. M., Nahmias, J., Davis, K. A., Leichter, S., Ross, S. W., Scherer, L. R., Velopulos, C., Martin, R. S., Staudenmayer, K. L.
2024
- **Management of Uncomplicated Appendicitis in Adults: A Nationwide Analysis From 2018 to 2019.** *The Journal of surgical research*
Korah, M., Tennakoon, L., Knowlton, L. M., Tung, J., Spain, D. A., Ko, A.
2024; 298: 307-315
- **Severe intracranial and intra-abdominal hemorrhage: timing is everything.** *Trauma surgery & acute care open*
Farooqi, N. B., Wong, S. Y., Wang, S., Knowlton, L. M.
2024; 9 (1): e001434
- **Firearm-Related Injuries and the US Opioid and Other Substance Use Epidemic: A Nationwide Evaluation of Emergency Department Encounters.** *The Journal of surgical research*
Tennakoon, L., Ko, A., Knight, A. W., Nassar, A. K., Wu, R., Spain, D. A., Knowlton, L. M.
2024; 298: 128-136
- **Managing career transitions in the profession of acute care surgery.** *Trauma surgery & acute care open*
Fitzgerald, C. A., Dumas, R. P., Cripps, M. W., Gurney, J. M., Davis, K. A., Knowlton, L. M.
2024; 9 (1): e001334
- **Large uterine fibroids causing a closed loop small bowel obstruction following uterine fibroid embolization.** *Trauma surgery & acute care open*
Antono, A. C., Najjar, J., Wong, S. Y., Junn, J., Knowlton, L. M.

2024; 9 (1): e001425

- **Financial Toxicity Part II: A Practical Guide to Measuring and Tracking Long-Term Financial Outcomes Among Acute Care Surgery.** *The journal of trauma and acute care surgery*
Knowlton, L. M., Scott, J. W., Dowzicky, P., Murphy, P., Davis, K. A., Staudenmayer, K., Martin, R. S.
2024
- **Weight-based enoxaparin thromboprophylaxis in young trauma patients: analysis of the CLOTT-1 registry.** *Trauma surgery & acute care open*
Lombardo, S., McCrum, M., Knudson, M. M., Moore, E. E., Kornblith, L., Brakenridge, S., Bruns, B., Cipolle, M. D., Costantini, T. W., Crookes, B., Haut, E. R., Kerwin, A. J., Kiraly, et al
2024; 9 (1): e001230
- **Cholecystocolonic fistula: an unusual presentation of large bowel obstruction.** *Trauma surgery & acute care open*
Knight, A. W., Wu, R., Tennakoon, L., Knowlton, L. M.
2024; 9 (Suppl 1): e001242
- **A Qualitative Study of Emergency Medicaid Programs From the Perspective of Hospital Stakeholders.** *The Journal of surgical research*
Boncompagni, A. C., Handley, T. J., Sasnal, M., Morris, A. M., Knowlton, L. M.
2023; 295: 530-539
- **Delayed hollow viscus injury with an occult seatbelt abrasion presenting as a small bowel obstruction.** *Trauma case reports*
Shideler, B. L., Berera, D. C., Knowlton, L. M., Knight, A. W.
2023; 48: 100934
- **State-Level Variability in Hospital Presumptive Eligibility Programs.** *JAMA network open*
Gibson, A. B., Hendricks, W. D., Arnow, K., Tran, L. D., Wagner, T. H., Knowlton, L. M.
2023; 6 (11): e2345244
- **Do Hospital-Based Emergency Medicaid Programs Benefit Trauma Centers? A Mixed-Methods Analysis.** *The journal of trauma and acute care surgery*
Knowlton, L. M., Logan, D. S., Arnow, K., Hendricks, W. D., Gibson, A. B., Tran, L. D., Wagner, T. H., Morris, A. M.
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
- **Does tranexamic acid increase venous thromboembolism risk among trauma patients? A prospective multicenter analysis across 17 level I trauma centers.** *Injury*
Knowlton, L. M., Arnow, K., Trickey, A. W., Sauaia, A., Knudson, M. M.
2023: 111008
- **Glasgow Coma Scale Intubation Thresholds and Outcomes of Patients With Traumatic Brain Injury: The Need for Tailored Practice Management Guidelines.** *The American surgeon*
Elkbuli, A., Breeding, T., Ngatuvai, M., Patel, H., Andrade, R., Rosander, A., Knowlton, L. M., Liu, H., Ang, D.
2023: 31348231192062
- **TRENDS IN DISPARITIES RESEARCH ON TRAUMA AND ACUTE CARE SURGERY OUTCOMES: A 10-YEAR SYSTEMATIC REVIEW OF ARTICLES PUBLISHED IN THE JOURNAL OF TRAUMA AND ACUTE CARE SURGERY.** *The journal of trauma and acute care surgery*
Breeding, T., Ngatuvai, M., Rosander, A., Maka, P., Davis, J., Knowlton, L. M., Hoops, H., Elkbuli, A.
2023
- **Bias in the trauma bay: A multicenter qualitative study on team communication.** *The journal of trauma and acute care surgery*
Bankhead, B. K., Bichard, S. L., Seltzer, T., Thompson, L. A., Chambers, B., Davis, B., Knowlton, L. M., Tatebe, L. C., Vella, M. A., Dumas, R. P.
2023; 94 (6): 771-777
- **Organ donation in the surgical ICU: an American Association for the Surgery of Trauma Critical Care Committee clinical consensus document.** *Trauma surgery & acute care open*
Seshadri, A., Cuschieri, J., Kaups, K. L., Knowlton, L. M., Kutcher, M. E., Pathak, A., Rappold, J., Rinderknecht, T., Stein, D. M., Young, J., Michetti, C. P.
2023; 8 (1): e001107

- **Quality care is equitable care: a call to action to link quality to achieving health equity within acute care surgery.** *Trauma surgery & acute care open*
Knowlton, L. M., Zakrisson, T., Kao, L. S., McCrum, M. L., Agarwal, S., Bruns, B., Joseph, K. A., Berry, C.
2023; 8 (1): e001098
- **Financial Toxicity after Trauma & Acute Care Surgery: From Understanding to Action.** *The journal of trauma and acute care surgery*
Scott, J. W., Knowlton, L. M., Murphy, P., Neiman, P. U., Martin, R. S., Staudenmayer, K.
2023
- **Evaluating Emergency Medicaid Program Policy Changes During the COVID-19 Pandemic.** *The Journal of surgical research*
Handley, T. J., Boncompagni, A. C., Arnow, K., Sasnal, M., Day, H. S., Trickey, A., Morris, A. M., Knowlton, L. M.
2023; 289: 97-105
- **Developing an Inpatient Relationship Centered Communication Curriculum (I-RCCC) rounding framework for surgical teams.** *BMC medical education*
Nassar, A. K., Weimer-Elder, B., Yang, R., Kline, M., Dang, B. K., Spain, D. A., Knowlton, L. M., Valdez, A. B., Korndorffer, J. R., Johnson, T.
2023; 23 (1): 137
- **Trauma Activation Fees-A Fair Approach to Reimburse Trauma Readiness Costs or a Pathway to Profitability?** *JAMA network open*
Knowlton, L. M., Haut, E. R.
2023; 6 (1): e2252526
- **Power of mentorship for civilian and military acute care surgeons: identifying and leveraging opportunities for longitudinal professional development.** *Trauma surgery & acute care open*
Knowlton, L. M., Butler, W. J., Dumas, R. P., Bankhead, B. K., Meizoso, J. P., Bruns, B., Van Gent, J., Kaafarani, H. M., Martin, M. J., Namias, N., Stein, D. M., Tadlock, M. D., Martin, et al
2023; 8 (1): e001049
- **Insurance churn after adult traumatic injury: a national evaluation among a large private insurance database.** *The journal of trauma and acute care surgery*
Fu, S. J., Arnow, K., Barreto, N. B., Aouad, M., Trickey, A. W., Spain, D. A., Morris, A., Knowlton, L.
2022
- **Non-Surgical Management and Analgesia Strategies for Older Adults with Multiple Rib Fractures: 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*
Mukherjee, K., Schubl, S. D., Tominaga, G., Cantrell, S., Kim, B., Haines, K. L., Kaups, K. L., Barraco, R., Staudenmayer, K., Knowlton, L. M., Shiroff, A. M., Bauman, Z. M., Brooks, et al
2022
- **A National Evaluation of Emergency General Surgery Outcomes Among Hospitalized Cardiac Patients.** *The Journal of surgical research*
Tennakoon, L., Hakes, N. A., Nassar, A. K., Spain, D. A., Knowlton, L. M.
2022; 283: 24-32
- **Evaluating the Impact of the Covid-19 Pandemic on Emergency Medicaid Programs: Have Insurance Rates Improved among Trauma Patients?**
Handley, T. J., Boncompagni, A., Arnow, K. D., Sasnal, M., Trickey, A. W., Morris, A. M., Knowlton, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S88
- **Faculty Lead Coaching as a Method to Enhance Feedback Culture and Communication Skills Development in Surgical Education-Needs Assessment (Study in Progress)**
Nassar, A., Sasnal, M., Tung, J., Ko, A., Esquivel, M., Knowlton, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S74
- **Firearm-Related Injuries and the US Opioid Epidemic: A Nationwide Evaluation of Emergency Department Encounters**
Tennakoon, L. D., Nassar, A. K., Wanberg, J. A., Knowlton, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S45-S46
- **EMERGENCY MEDICAID PROGRAMS MAY BE AN EFFECTIVE MEANS OF PROVIDING SUSTAINED INSURANCE AMONG TRAUMA PATIENTS: A STATEWIDE LONGITUDINAL ANALYSIS.** *The journal of trauma and acute care surgery*
Knowlton, L. M., Tran, L. D., Arnow, K., Trickey, A. W., Morris, A. M., Spain, D. A., Wagner, T. H.
2022
- **Developing and Leading a Sustainable Organization for Early Career Acute Care Surgeons: Lessons from the Inaugural AAST Associate Member Council.** *The journal of trauma and acute care surgery*

Dumas, R. P., Bankhead, B. K., Coleman, J. R., Dhillon, N. K., Meizoso, J. P., Bessoff, K., Butler, W. J., Strickland, M., Dultz, L. A., Davis, K., Bulger, E. M., Reilly, P. M., Croce, et al
2022

- **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
- **Introducing advanced surgical tasks simulation for surgical training.** *Annals of medicine and surgery (2012)*
Tuma, F., Knowlton, L. M., Nassar, A. K.
2022; 77: 103568
- **Data Resources for Evaluating the Economic and Financial Consequences of Surgical Care in the United States.** *The journal of trauma and acute care surgery*
Scott, J. W., Ayoung-Chee, P., Lester, E. L., Bruns, B. R., Davis, K. A., Gore, A., Knowlton, L. M., Liu, C., Martin, R. S., Oh, E. J., Ross, S. W., Wandling, M., Minei, et al
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
- **Duodenal perforation due to multiple foreign bodies: consideration for operative approach and surgical repair.** *Trauma surgery & acute care open*
Wright, K., Rajasingh, C. M., Fu, S. J., Tung, J., Visser, B. C., Knowlton, L. M.
2022; 7 (1): e001063
- **Challenging Traditional Paradigms in Posttraumatic Pulmonary Thromboembolism.** *JAMA surgery*
Knudson, M. M., Moore, E. E., Kornblith, L. Z., Shui, A. M., Brakenridge, S., Bruns, B. R., Cipolle, M. D., Costantini, T. W., Crookes, B. A., Haut, E. R., Kerwin, A. J., Kiraly, L. N., Knowlton, et al
1800: e216356
- **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
- **Out-of-Pocket Costs Among Patients With a New Cancer Diagnosis Enrolled in High-Deductible Health Plans vs Traditional Insurance.** *JAMA network open*
Fu, S. J., Rose, L., Dawes, A. J., Knowlton, L. M., Ruddy, K. J., Morris, A. M.
1800; 4 (12): e2134282
- **Virtual reality (VR) as a simulation modality for technical skills acquisition.** *Annals of medicine and surgery (2012)*
Nassar, A. K., Al-Manaseer, F., Knowlton, L. M., Tuma, F.
2021; 71: 102945
- **Financial Burden of Traumatic Injury Amongst the Privately Insured.** *Annals of surgery*
Fu, S. J., Arnow, K., Trickey, A., Spain, D. A., Morris, A., Knowlton, L.
2021
- **ACQUISITION OF MEDICAID AT THE TIME OF INJURY: AN OPPORTUNITY FOR SUSTAINABLE INSURANCE COVERAGE.** *The journal of trauma and acute care surgery*
Jaramillo, J. D., Arnow, K., Trickey, A. W., Dickerson, K., Wagner, T. H., Harris, A. H., Tran, L. D., Bereckneyi, S., Morris, A. M., Spain, D. A., Knowlton, L. M.
2021
- **Are Statins Associated With Reduced Risk of Adhesion-Related Complications After Abdominal Surgery?** *JAMA network open*
Fu, S., Yelorda, K., Knowlton, L.
2021; 4 (2): e2037296
- **Students and faculty perception of distance medical education outcomes in resource-constrained system during COVID-19 pandemic. A cross-sectional study.** *Annals of medicine and surgery (2012)*
Tuma, F., Nassar, A. K., Kamel, M. K., Knowlton, L. M., Jawad, N. K.

2021; 62: 377–82

- **COVID-19 Impact on Surgical Resident Education and Coping.** *The Journal of surgical research*
Wise, C. E., Berekyei Merrell, S. n., Sasnal, M. n., Forrester, J. D., Hawn, M. T., Lau, J. N., Lin, D. T., Schmiederer, I. S., Spain, D. A., Nassar, A. K., Knowlton, L. M.
2021; 264: 534–43
- **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
- **Situating Artificial Intelligence in Surgery: A Focus on Disease Severity.** *Annals of surgery*
Korndorffer, J. R., Hawn, M. T., Spain, D. A., Knowlton, L. M., Azagury, D. E., Nassar, A. K., Lau, J. N., Arnow, K. D., Trickey, A. W., Pugh, C. M.
2020; 272 (3): 523-528
- **Emergency Medicaid Acquisition Through the Affordable Care Act: The Association Between Hospital Enrollment in California and Hospital Revenue.** *Medical care*
Tran, L. D., Knowlton, L. M., Wagner, T. H.
2020; 58 (8): 727–33
- **Improving Geriatric Trauma Care via A Multi-disciplinary Age-Friendly Care Pathway**
Bharija, A., Mesias, M., Storr-Street, N., Ellsworth, A. M., Brown, A., Cheng, N., Knowlton, L., Tennakoon, L., Martin, M., Lu, A., Staudemayer, K.
WILEY.2020: S16–S17
- **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
- **Impact of shelter-in-place order for COVID-19 on trauma activations: Santa Clara County, California, March 2020.** *Trauma surgery & acute care open*
Forrester, J. D., Liou, R. n., Knowlton, L. M., Jou, R. M., Spain, D. A.
2020; 5 (1): e000505
- **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
- **Using a virtual platform for personal protective equipment education and training.** *Medical education*
Nassar, A. K., Lin, D. T., Spain, D. A., Knowlton, L. M.
2020
- **Mortality After General Surgery Among Hospitalized Patients With Hematologic Malignancy** *Journal of Surgical Research*
Forrester, J. D., Syed, M., Tennakoon, L., Spain, D. A., Knowlton, L. M.
2020; 256: P502-511
- **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
- **Understanding Health Care Utilization and Mortality After Emergency General Surgery in Patients With Underlying Liver Disease.** *The American surgeon*
Tennakoon, L. n., Baiu, I. n., Concepcion, W. n., Melcher, M. L., Spain, D. A., Knowlton, L. M.
2020; 86 (6): 665–74
- **The Affordable Care Act and Insurance Status, Stage, and Timely Treatment Among Patients With Cancer: What Are the Possible Effects?** *JAMA network open*
Fu, S. n., Rose, L. n., Knowlton, L. n.
2020; 3 (2): e1921690
- **Amyand hernia: considerations for operative approach and surgical repair.** *Trauma surgery & acute care open*
Garagliano, J. M., Jaramillo, J. D., Kopecky, K. E., Knowlton, L. M.
2020; 5 (1): e000466

- **Traumatic Injuries Due to Interpersonal and Domestic Violence in the United States.** *The Journal of surgical research*
Tennakoon, L. n., Hakes, N. A., Knowlton, L. M., Spain, D. A.
2020; 254: 206–16
- **Iatrogenic gallbladder perforation secondary to Veress needle placement: a complication of robotic nephrectomy.** *Trauma surgery & acute care open*
Jaramillo, J. D., Sun, A. J., Knowlton, L. M.
2020; 5 (1): e000442
- **Balancing the Risks and Benefits of Surgical Prophylaxis Timing and Duration Do Matter** *JAMA SURGERY*
Hawn, M. T., Knowlton, L.
2019; 154 (7): 598–99
- **Derivation and Validation of a Model to Predict 30-Day Readmission in Surgical Patients Discharged to Skilled Nursing Facility.** *Journal of the American Medical Directors Association*
Kim, L. D., Pfoh, E. R., Hu, B., Kou, L., Knowlton, L. M., Staudenmayer, K., Rothberg, M. B.
2019
- **Racial and Ethnic Disparities in Geographic Access to Trauma Care-A Multiple-Methods Study of US Urban Trauma Deserts** *JAMA NETWORK OPEN*
Knowlton, L.
2019; 2 (3)
- **Racial and Ethnic Disparities in Geographic Access to Trauma Care-A Multiple-Methods Study of US Urban Trauma Deserts.** *JAMA network open*
Knowlton, L. M.
2019; 2 (3): e190277
- **Racial and Ethnic Disparities in Geographic Access to Trauma Care-A Multiple-Methods Study of US Urban Trauma Deserts** *JAMA NETWORK OPEN*
Knowlton, L.
2019; 2 (3)
- **Mucormycosis emboli: a rare cause of segmental bowel ischemia.** *Trauma surgery & acute care open*
Baiu, I., Knowlton, L. M.
2019; 4 (1): e000305
- **THE IMPACT OF MEDICAID EXPANSION ON TRAUMA-RELATED EMERGENCY DEPARTMENT UTILIZATION: A NATIONAL EVALUATION OF POLICY IMPLICATIONS.** *The journal of trauma and acute care surgery*
Knowlton, L. M., Dehghan, M. S., Arnow, K. n., Trickey, A. W., Tennakoon, L. n., Morris, A. M., Spain, D. A.
2019
- **Balancing the Risks and Benefits of Surgical Prophylaxis: Timing and Duration Do Matter.** *JAMA surgery*
Hawn, M. T., Knowlton, L. M.
2019
- **The Economic Footprint of Acute Care Surgery in the United States: Implications for Systems Development.** *The journal of trauma and acute care surgery*
Knowlton, L. M., Minei, J., Tennakoon, L., Davis, K. A., Doucet, J., Bernard, A., Haider, A., Tres Scherer, L. R., Spain, D. A., Staudenmayer, K. L.
2018
- **Evaluating the collection, comparability and findings of six global surgery indicators.** *The British journal of surgery*
Holmer, H., Bekele, A., Hagander, L., Harrison, E. M., Kamali, P., Ng-Kamstra, J. S., Khan, M. A., Knowlton, L., Leather, A. J., Marks, I. H., Meara, J. G., Shrim, M. G., Smith, et al
2018
- **INTER-HOSPITAL VARIABILITY IN TIME TO DISCHARGE TO REHABILITATION AMONG INSURED TRAUMA PATIENTS.** *The journal of trauma and acute care surgery*
Knowlton, L. M., Harris, A. H., Tennakoon, L., Hawn, M. T., Spain, D. A., Staudenmayer, K. L.
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