



Ian Brown

Clinical Associate Professor, Emergency Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Adult Emergency Department**

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Bio

CLINICAL FOCUS

- Emergency Medicine
- Medical Informatics
- Cardiovascular Emergencies
- Disaster Response

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine

ADMINISTRATIVE APPOINTMENTS

- Medical Informatics Director, Stanford Health Care, (2011- present)
- Associate Medical Director (Informatics and Data Analytics), Stanford School of Medicine Emergency Medicine, (2021- present)
- Assistant Medical Director (Informatics and Data Analytics), Stanford School of Medicine Emergency Medicine, (2016-2021)
- Assistant Medical Director, Stanford School of Medicine Emergency Medicine, (2014-2016)
- Associate Medical Director, APP Fellowship, Stanford School of Medicine Emergency Medicine, (2016-2018)
- Medical Director, Call Back Nurse Program, Stanford Healthcare Emergency Department, (2011-2016)
- Director of Observation Unit, Providence Hospital, DC, (2004-2006)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2015)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2004)
- Fellowship, Stanford University , Cardiovascular Emergencies (2008)
- Residency, Johns Hopkins University School of Medicine , Emergency Medicine (2003)
- Internship, Johns Hopkins University School of Medicine , Emergency Medicine (2001)
- Medical Education, MCP Hahnemann University School of Medicine , MD (2000)

- MS, University of Rochester , Biophysics (1996)
- BS, The George Washington University , Physics, Business, Math (1992)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Clinical Informatics (Fellowship Program)

Publications

PUBLICATIONS

- **Changes in low-acuity patient volume in an emergency department after launching a walk-in clinic.** *Journal of the American College of Emergency Physicians open*
Kurian, D., Sundaram, V., Naidich, A. G., Shah, S. A., Ramberger, D., Khan, S., Ravi, S., Patel, S., Ribeira, R., Brown, I., Wagner, A., Gharahbaghian, L., Miller, et al
2023; 4 (4): e13011
- **Beyond chest pain: Incremental value of other variables to identify patients for an early ECG.** *The American journal of emergency medicine*
Bunney, G., Sundaram, V., Graber-Naidich, A., Miller, K., Brown, I., McCoy, A. B., Freeze, B., Berger, D., Wright, A., Yiadom, M. Y.
2023; 67: 70-78
- **Effects of California's New Patient Homelessness Screening and Discharge Care Law in an Emergency Department.** *Cureus*
Eakin, M., Singleterry, V., Wang, E., Brown, I., Saynina, O., Walker, R.
2023; 15 (2): e35534
- **Effectiveness, safety, and efficiency of a drive-through care model as a response to the COVID-19 testing demand in the United States.** *Journal of the American College of Emergency Physicians open*
Ravi, S., Graber-Naidich, A., Sebok-Syer, S. S., Brown, I., Callagy, P., Stuart, K., Ribeira, R., Gharahbaghian, L., Shen, S., Sundaram, V., Yiadom, M. Y.
2022; 3 (6): e12867
- **Computed tomography rates in pediatric trauma patients among emergency medicine and pediatric emergency medicine physicians.** *Journal of pediatric surgery*
Pariaszevski, A., Wang, N. E., Lee, M. O., Brown, I., Imler, D., Lowe, J., Fang, A.
2022
- **Impact of telemedicine on clinical practice patterns for patients with chest pain in the emergency department.** *International journal of medical informatics*
Ostberg, N., Ip, W., Brown, I., Li, R.
2022; 161: 104726
- **Impact of Telemedicine on Care Delivery for Patients With Chest Pain in the Emergency Department**
Ostberg, N., Ip, W., Brown, I., Li, R.
MOSBY-ELSEVIER.2021: S23
- **Examination of physician characteristics in opioid prescribing in the emergency department.** *The American journal of emergency medicine*
Glober, N. K., Brown, I., Sebok-Syer, S. S.
2021; 50: 207-210
- **Using a Real-Time Locating System to Evaluate the Impact of Telemedicine in an Emergency Department During COVID-19: Observational Study.** *Journal of medical Internet research*
Patel, B., Vilendrer, S., Kling, S. M., Brown, I., Ribeira, R., Eisenberg, M., Sharp, C.
2021
- **Approach to Chest Pain** *CorePendium*
Brown, I.
edited by Mattu, A., Swadron, S.
CorePendium.2021; 4
- **Prehospital Identification of Large Vessel Occlusions Using Modified National Institutes of Health Stroke Scale: A Pilot Study.** *Frontiers in neurology*

- Mulkerin, W. D., Spokoiny, I., Francisco, J. T., Lima, B., Corry, M. D., Nudelman, M. J., Niknam, K., Brown, I. P., Kohn, M. A., Govindarajan, P.
2021; 12: 643356
- **Emergency Department Access During COVID-19: Disparities in Utilization by Race/Ethnicity, Insurance, and Income** *Western Journal of Emergency Medicine*
Lowe, J., Brown, I., Duriseti, R., et al
2021: 552-560
 - **Social Determinants of Hallway Bed Use.** *The western journal of emergency medicine*
Kim, D. A., Sanchez, L. D., Chiu, D., Brown, I. P.
2020; 21 (4): 949–58
 - **Rates of Co-infection Between SARS-CoV-2 and Other Respiratory Pathogens.** *JAMA*
Kim, D., Quinn, J., Pinsky, B., Shah, N. H., Brown, I.
2020
 - **Emergency department implementation of abbreviated magnetic resonance imaging for pediatric traumatic brain injury.** *Journal of the American College of Emergency Physicians open*
Lumba-Brown, A. n., Lee, M. O., Brown, I. n., Cornwell, J. n., Dannenberg, B. n., Fang, A. n., Ghazi-Askar, M. n., Grant, G. n., Imler, D. n., Khanna, K. n., Lowe, J. n., Wang, E. n., Wintermark, et al
2020; 1 (5): 994–99
 - **Characteristics of Emergency Department Patients With COVID-19 at a Single Site in Northern California: Clinical Observations and Public Health Implications.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
Duanmu, Y. n., Brown, I. P., Gibb, W. R., Singh, J. n., Matheson, L. W., Blomkalns, A. L., Govindarajan, P. n.
2020
 - **Paramedic Detection of Large Vessel Occlusions Using mNIHSS: A Prospective Cohort Pilot Study.**
Mulkerin, W., Francisco, J., Lima, B., Spokoiny, I., Gilbert, G., Brown, I., Bernier, E., Niknam, K., Govindarajan, P.
LIPPINCOTT WILLIAMS & WILKINS.2019
 - **Introduction of a Horizontal and Vertical Split Flow Model of Emergency Department Patients as a Response to Overcrowding.** *Journal of emergency nursing: JEN : official publication of the Emergency Department Nurses Association*
Wallingford, G. n., Joshi, N. n., Callagy, P. n., Stone, J. n., Brown, I. n., Shen, S. n.
2017
 - **The expanded scope of emergency medical practice necessary for initial disaster response: lessons from Haiti.** *Journal of special operations medicine : a peer reviewed journal for SOF medical professionals*
Menon, A. S., Norris, R. L., Racciopi, J., Tilson, H., Gardner, J., McAdoo, G., Brown, I. P., Auerbach, P. S.
2012; 12 (1): 31-36
 - **Civil-Military Collaboration in the Initial Medical Response to the Earthquake in Haiti** *NEW ENGLAND JOURNAL OF MEDICINE*
Auerbach, P. S., Norris, R. L., Menon, A. S., Brown, I. P., Kuah, S., Schwieger, J., Kinyon, J., Helderma, T. N., Lawry, L.
2010; 362 (10)
 - **Immune-Based Resistance to the Formation of v-src-Induced Distal Tumors** *Virology*
Halpern, M. S., Wisner, T. W., Brown, B. P., James, E. M.
1993; 197 (1): 480-484
 - **Pion absorption in light nuclei** *Phys. Rev. C*
Ransome, R. D., Morris, C. L., Jones, M. K., Ritchie, B. G., Watson, D. L., McGill, J. A., Pujara, K., Clayton, D. B., Brown, I., Campbell, P., Moore, C. F.
1992; 46 (1): 273-278
 - **Energy dependence of the total $^{12}\text{C}(\pi^+, 2p)$ cross section** *Physics Letters B*
Jones, M. K., Ritchie, B. G., Morris, C. L., Ransome, R. D., McGill, J. A., Watson, D. L., Moore, C. F., Clayton, D. L., Pujara, K., Brown, I., Campbell, P.
1992; 278 (4): 419-422
 - **Cluster-impact-fusion yields: No collective effect observed for small water clusters** *Phys. Rev. Lett.*
Vandenbosch, R., Trainor, T. A., Will, D. I., Neubauer, J., Brown, I.
1991; 67 (25): 3567-3570

PRESENTATIONS

- Effectiveness, Safety and Efficiency of a Drive-Through Care Model: A Response to the COVID-19 Pandemic Testing Demand. - AMIA 2023, Informatics Summit (2023)
- Enhancing Emergency Care Through Artificial Intelligence: Data Infrastructure - Society of Academic Emergency Medicine Annual Meeting (May 2022)
- Bi-Directional SAFR Model HIE Between EMS and ED - Epic Expert Group Meeting (May 2022)
- The Holy Grail of Care Coordination Between Paramedics and Hospital - Bay Area Nursing Informatics Association (2022)
- Clinical Decision Support to Promote Value Based Care - Intermountain Emergency Medicine Grand Rounds (2021)
- ePE: Electronic Clinical Decision Support for the Diagnosis and Treatment of Acute PE in the Emergency Department - Epic Expert Group Meeting (2019)
- EMTALA: Integration of a Complex Workflow - Epic Expert Group Meeting (2019)
- Heart Failure, Beyond ABC & LMNOP - Symposium on Emergency Medicine (2018)
- STEMI for the Community Doctor - Symposium on Emergency Medicine (2018)
- Critical Care & Disaster Management Workshops - Symposium on Emergency Medicine (2018)
- Disaster Preparedness: Using the EMR to evacuate your hospital in case of disaster - Epic Expert Group Meeting (2018)
- FYI: Using the EMR to Identify Violent Patients - Epic Expert Group Meeting (2017)
- Tweaking the EMR in a Disaster - AdvancED Conference. California ACEP (2017)
- Smart Forms for Procedures - Epic Expert Group Meeting (2016)
- Freeing Registration from the Desk - Epic Expert Group Meeting (2016)
- Expected Patient Workflows - Epic Expert Group Meeting (2015)
- Disaster Response: Preparation, Practice and Lessons - Epic Expert Group Meeting (2014)
- The Haiti Earthquake: Medical Response and Ethical Dilemmas - Disaster Medicine Conference. UCSF (2011)
- The Haiti Earthquake: Emergency Medical Response - California/American College of Emergency Physicians annual conference. (2010)
- Choice and Timing of Reperfusion Therapy - X-treme Emergency Medicine Conference (2007)
- Critical Challenges in Cardiovascular Medicine, Acute Coronary Syndrome - Emergency Department & Interventional Cardiology Therapeutic Team (2007)
- Forensic Examination for Asylum Seekers - DC Medical Society (2006)