

# Stanford

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## Sam Shen

Clinical Professor, Emergency Medicine

### CLINICAL OFFICES

- **Stanford Dept of Emergency Medicine**

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### Bio

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### CLINICAL FOCUS

- Emergency Medicine
- Emergency Department operations
- Digital Health
- Quality Improvement
- Patient safety
- Health Care Management

### ACADEMIC APPOINTMENTS

- Clinical Professor, Emergency Medicine

### ADMINISTRATIVE APPOINTMENTS

- Associate Chief Quality Officer/Patient Safety Officer, Stanford Health Care, (2019- present)
- Vice Chair, Clinical Operations & Quality, Stanford University School of Medicine, (2017- present)
- Fellowship Director, EM Administration Fellowship, (2015- present)
- Medical Director, Emergency Medicine, (2014-2017)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Society of Academic Emergency Medicine Fellowship Committee (2016 - present)
- Member, Society of Academic Emergency Medicine (2015 - present)
- Fellow, American College of Emergency Physicians (2008 - present)
- Board Certified, American Board of Emergency Medicine (2006 - present)
- Member, American College of Emergency Physicians (2006 - present)

## PROFESSIONAL EDUCATION

- Residency: Beth Israel Deaconess Medical Center (2005) MA
- Internship: Beth Israel Deaconess Medical Center (2003) MA
- Medical Education: UCLA David Geffen School Of Medicine Registrar (2002) CA
- MBA, Anderson School of Management at UCLA (2002)
- BS, Stanford University , Biology, with Honors (1995)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Emergency Department process improvement

Digital Health

ED operations

ED innovations

## Publications

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### PUBLICATIONS

- **Telemedicine to Decrease Personal Protective Equipment Use and Protect Healthcare Workers.** *The western journal of emergency medicine*  
Ribeira, R., Shen, S., Callagy, P., Newberry, J., Strehlow, M., Quinn, J.  
2020
- **Patient safety and quality outcomes for ED patients admitted to alternative care area inpatient beds**  
Lee, M. O., Arthofer, R., Callagy, P., Kohn, M. A., Niknam, K., Camargo, C. A., Shen, S.  
W B SAUNDERS CO-ELSEVIER INC.2020: 272-77
- **Off the Shelf: Rapid Deployment of an Emergency Department Telemedicine Platform Using Readily Available Consumer Products.** *The Journal of emergency medicine*  
Lowe, J. n., Shen, S. n.  
2020
- **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
- **A Body Bag Can Save Your Life: A Novel Method of Cold Water Immersion for Heat Stroke Treatment** *A Body Bag Can Save Your Life: A Novel Method of Cold Water Immersion for Heat Stroke Treatment*  
Kim, D. A., Lindquist, B. D., Shen, S. H., Wagner, A. M., Lipman, G. S.  
2020: 4
- **A predictive tool for identification of SARS-CoV-2 PCR-negative emergency department patients using routine test results.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Joshi, R. P., Pejaver, V. n., Hammarlund, N. E., Sung, H. n., Lee, S. K., Furmanchuk, A. n., Lee, H. Y., Scott, G. n., Gombar, S. n., Shah, N. n., Shen, S. n., Nassiri, A. n., Schneider, et al  
2020; 129: 104502
- **A body bag can save your life: a novel method of cold water immersion for heat stroke treatment.** *Journal of the American College of Emergency Physicians open*  
Kim, D. A., Lindquist, B. D., Shen, S. H., Wagner, A. M., Lipman, G. S.  
2020; 1 (1): 49-52
- **Design and Implementation of a Novel Acute Stroke Code for the Extended Window of Endovascular Treatment**  
Legault, C., Dujari, S., Shen, S. H., Wagner, A. M., Albers, G., Bernier, E., Callagy, P., Vora, N.

LIPPINCOTT WILLIAMS & WILKINS.2018

- **Lean Manufacturing Improves Emergency Department Throughput and Patient Satisfaction.** *journal of nursing administration*  
Kane, M., Chui, K., Rimicci, J., Callagy, P., Hereford, J., Shen, S., Norris, R., Pickham, D.  
2015; 45 (9): 429-434
- **Arthrocentesis of the Knee (Videos in Clinical Medicine)** *Arthrocentesis of the Knee*  
Thomsen, T. W., Shen, S., et al  
2006; e19: 354

## PRESENTATIONS

- Innovative Approaches to Improve ED Overcrowding - Hospital Patient Flow Management Forum (January 14, 2019)
- Disruptive Forces Impacting Delivery of Emergency Medicine - Stanford University School of Medicine: Grand Rounds: Emergency Medicine Conference (February 12, 2014)
- Top 10 Financial Investment Principles - Podcast (7/1/2015)
- Implementing Split Flow Strategy for Emergency Department (ED) Vertical Patients By Utilizing Lean Manufacturing Principles - Lean Healthcare Academic Conference at Stanford (9/27/2016)
- Challenges of Emergency Medicine Practice in 2014 - Stanford University School of Medicine: Grand Rounds: Emergency Medicine Conference (November 6, 2014)
- Reducing Hospital Readmissions From The Emergency Department Perspective - Reducing Hospital Readmissions Conference (3/30/2017)