

# Stanford

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## Amit Tej Singh

Clinical Assistant Professor, Pediatrics

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Lucile Packard Childrens Hospital**

300 Pasteur

MC 5776 Div of Pediatric Hospital Medicine

Palo Alto, CA 94304

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### Bio

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#### BIO

Dr. Amit Singh is a Clinical Assistant Professor of Pediatrics in the Division of Pediatric Hospital Medicine within the Department of Pediatrics at the Stanford University School of Medicine. He completed his medical education at the Baylor College of Medicine in Houston, TX and completed his internship and residency in pediatrics at the former Children's Hospital and Research Center Oakland (now UCSF Benioff Children's Hospital Oakland) in Oakland, CA. He then completed a two-year fellowship in Pediatric Hospital Medicine with IT focus at the University of California San Diego and Rady Children's Hospital San Diego in San Diego, CA. There he developed and implemented the use of a novel electronic communication tool aimed at improving medical care team identification for inpatients hospitalized on the pediatric hospital medicine service. He joined Stanford in the Fall of 2013 and his main non clinical work is focused in patient communication and inpatient health information technology.

He has previously served as the Physician Lead for the Office of Patient Experience at Lucile Packard Children's Hospital Stanford from 2015-2017. His current quality improvement efforts are focused on improving the overall medical rounding experience for both patients and providers on the inpatient Pediatric Hospital Medicine service with a novel pilot of scheduled based rounds. He additionally is the Clinical Informatics Medical Director for the hospital-wide communications technology platform (Voalte) at LPCH. He is also involved with a collaborative project with the Stanford Computer Vision department in utilizing artificial intelligence and machine learning to monitor and improve hand hygiene in the hospital.

Dr. Singh is a native Texan now residing in San Francisco, CA where you can find him planning his next meal or trip with his wife and young son.

#### CLINICAL FOCUS

- Pediatrics
- Pediatric Hospital Medicine
- Crossroads of Inpatient Health IT Systems and Patient Communication
- Pediatric Hospital Medicine Fellowship

## ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics

## ADMINISTRATIVE APPOINTMENTS

- Clinical Partner - LPCH site leader, Stanford Partnership in AI-Assisted Care (PAC), (2014- present)
- Medical Director of Clinical Informatics - Voalte communications platform, Stanford Children's Health, (2016- present)
- Physical Lead for Packard Vision Optimization, Lucile Packard Children's Hospital, (2015-2017)
- Physician Hand Hygiene Champion, Lucile Packard Children's Hospital, (2013-2016)
- Physical Lead for the Office of Patient Experience, Lucile Packard Children's Hospital, (2015-2017)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Academy of Pediatrics (2008 - present)
- Member, Society of Hospital Medicine (2011 - present)

## PROFESSIONAL EDUCATION

- Medical Education: Baylor College of Medicine Registrar (2008) TX
- Fellowship: The Univ of San Diego School of Medicine (2013) CA
- Certification, Epic Systems Corporation , Inpatient Electronic Medical Record Procedure Orders certification versions 2010, 2012 (2012)
- Board Certification: Pediatrics, American Board of Pediatrics (2011)
- Residency: Children's Hospital at Oakland (2011) CA

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

My current quality improvement efforts are focused on improving the overall medical rounding experience for both patients and providers on the inpatient Pediatric Hospital Medicine service with a novel pilot of scheduled based rounds. With this project we have adapted a novel tool within the EMR for automatically scheduling patients for a "slot" or time for rounds for the medical team. This QI project was selected as one of the first Value-Based Care initiative projects sponsored by the executive team at Lucile Packard Children's Hospital.

I additionally serve as the Clinical Informatics Medical Director for the hospital-wide communications technology platform (Voalte) at LPCH. With this we have been interested in exploring team communication surrounding safety events such as Rapid Response or Code Blue calls. This research is in its preliminary phases.

Finally, I have been involved in a novel project as part of a collaboration between the School of Medicine and the Stanford Computer Vision lab on the cutting edge use of artificial intelligence and machine learning to monitor and improve hand hygiene in the hospital. More information about this can be found on the PAC website:

[https://aicare.stanford.edu/projects/hand\\_hygiene/](https://aicare.stanford.edu/projects/hand_hygiene/)

## Publications

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### PUBLICATIONS

- **Working to Make the Hospital Smarter.** *Hospital pediatrics*  
Singh, A. T.  
2017; 7 (2): 122–24
- **Who's My Doctor? Using an Electronic Tool to Improve Team Member Identification on an Inpatient Pediatrics Team.** *Hospital pediatrics*  
Singh, A., Rhee, K. E., Brennan, J. J., Kuelbs, C., El-Kareh, R., Fisher, E. S.

2016; 6 (3): 157-165

- **Mom, I'm going to be an INPATIENT doctor..." (A Graduating PHM Fellow's Musings on the Past, Present, and Future)** *Hospital Pediatrics*  
Singh, A. T.  
2013; 3: 2
- **Painful Arthritis and Extremity Rash in an 8-Year-Old Boy** *CLINICAL INFECTIOUS DISEASES*  
Islam, S., Cooney, T., Singh, A., Petru, A. M., LaBeaud, A. D.  
2012; 54 (10): 1473-?

## PRESENTATIONS

- **Who's My Doctor? Utilizing Epic's "sign in" functionality for physicians to improve Treatment Team usage and accuracy.** - Physician Advisory Council, XGM conference, Epic Headquarters, April 2018
- **Mirror Mirror on the Wall, Which Articles are the Fairest of Them all? Top Pediatric Updates.** - Hospital Medicine 2018
- **Going all in...The Top Articles (-ish) Of 2016 in Pediatrics.** - Hospital Medicine 2017
- **Keep Calm and Communicate On: Using Intentional Behaviors to Make Every Bedside Encounter a Success.** - Pediatric Hospital Medicine, July 2017
- **iNeedHelp: Integrating Technology to Improve Teaching on Family-Centered Rounds.** - Pediatric Hospital Medicine, July 2017
- **Are You My Doctor? Using an electronic tool to help improve communication in an academic inpatient pediatric hospital medicine service.** - Pediatric Hospital Medicine 2013