

# Stanford

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## Ali Bin Syed

Clinical Assistant Professor, Radiology - Pediatric Radiology

### CLINICAL OFFICES

- **LPCH Pediatric Radiology**

725 Welch Rd

MC 5913

Palo Alto, CA 94304

**Tel** (650) 497-8376

**Fax** (650) 498-9865

### Bio

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#### BIO

Dr. Syed is a member of the divisions of Pediatric Radiology and Body MRI. His clinical interests include MR imaging of pediatric and adult hepatobiliary disorders, inflammatory bowel disease, gynecologic pathology, and congenital heart disease. He is also an active researcher, collaborating with fellow engineers and scientists at Stanford to translate technical innovations in MRI into improved patient care. His recent work focuses on rapid, motion-robust MRI in children and adults.

#### CLINICAL FOCUS

- Diagnostic Radiology

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Radiology - Pediatric Radiology
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Board Certification: Diagnostic Radiology, American Board of Radiology (2021)
- Fellowship: Stanford University Radiology Fellowships (2020) CA
- Residency: Thomas Jefferson University Radiology Residency (2019) PA
- Internship: Crozer Chester Medical Center Transitional Year Program (2015) PA
- Medical Education: Temple University School of Medicine Registrar (2014) PA

### Publications

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#### PUBLICATIONS

- **Artifact- and content-specific quality assessment for MRI with image rulers.** *Medical image analysis*  
Lei, K., Syed, A. B., Zhu, X., Pauly, J. M., Vasanawala, S. S.  
1800; 77: 102344

- **Free-breathing R 2 # mapping of hepatic iron overload in children using 3D multi-echo UTE cones MRI.** *Magnetic resonance in medicine*  
Kee, Y. n., Sandino, C. M., Syed, A. B., Cheng, J. Y., Shimakawa, A. n., Colgan, T. J., Hernando, D. n., Vasanaawala, S. S.  
2021
- **Rosette Trajectories Enable Ungated, Motion-Robust, Simultaneous Cardiac and Liver T2 \* Iron Assessment.** *Journal of magnetic resonance imaging : JMRI*  
Bush, A. M., Sandino, C. M., Ramachandran, S., Ong, F., Dwork, N., Zucker, E. J., Syed, A. B., Pauly, J. M., Alley, M. T., Vasanaawala, S. S.  
2020: e27196
- **DIAGNOSTIC IMAGE QUALITY ASSESSMENT AND CLASSIFICATION IN MEDICAL IMAGING: OPPORTUNITIES AND CHALLENGES.** *Proceedings. IEEE International Symposium on Biomedical Imaging*  
Ma, J. J., Nakarmi, U., Kin, C. Y., Sandino, C. M., Cheng, J. Y., Syed, A. B., Wei, P., Pauly, J. M., Vasanaawala, S. S.  
2020; 2020: 337-340
- **DIAGNOSTIC IMAGE QUALITY ASSESSMENT AND CLASSIFICATION IN MEDICAL IMAGING: OPPORTUNITIES AND CHALLENGES**  
Ma, J. J., Nakarmi, U., Kin, C., Sandino, C. M., Cheng, J. Y., Syed, A. B., Wei, P., Pauly, J. M., Vasanaawala, S. S., IEEE  
IEEE.2020: 337-40
- **Near-Silent and Distortion-Free Diffusion MRI in Pediatric Musculoskeletal Disorders: Comparison With Echo Planar Imaging Diffusion.** *Journal of magnetic resonance imaging : JMRI*  
Sandberg, J. K., Young, V. A., Syed, A. B., Yuan, J. n., Hu, Y. n., Sandino, C. n., Menini, A. n., Hargreaves, B. n., Vasanaawala, S. n.  
2020
- **AI Accelerated Human-in-the-loop Structuring of Radiology Reports.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*  
Wu, J. T., Syed, A., Ahmad, H., Pillai, A., Gur, Y., Jadhav, A., Gruhl, D., Kato, L., Moradi, M., Syeda-Mahmood, T.  
2020; 2020: 1305-14