Stanford

Shannon Walters

Executive Technical Director, Radiology - Diagnostic Radiology

Bio

CURRENT ROLE AT STANFORD

I consider myself an innovation enabler and workflow optimization enthusiast. At Stanford 3D and Quantitative Imaging Lab, I work closely with healthcare providers, researchers, and educators to enable effective health visualization. Recent innovations are of particular interest to me; such as 3D Printing, immersive volumetric visualization, clinical implementation of validated AI algorithms, and the general concept of reporting concise changes over time.

INSTITUTE AFFILIATIONS

- Member (Staff), Cardiovascular Institute

Publications

PUBLICATIONS

- **EGFR-targeted intraoperative fluorescence imaging detects high-grade glioma with panitumumab-IRDye800 in a phase 1 clinical trial** *Theranostics*
  Zhou, Q., van den Berg, N. S., Rosenthal, E. L., Iv, M., Zhang, M., Vega Leonel, J. C., Walters, S., Nishio, N., Granucci, M., Raymundo, R., Yi, G., Vogel, H., Cayrol, et al
  2021; 11 (15): 7130-7143

- **The utility of three-dimensional models in complex microsurgical reconstruction.** *Archives of plastic surgery*
  Ogunleye, A. A., Deptula, P. L., Inchauste, S. M., Zelones, J. T., Walters, S. n., Gifford, K. n., LeCastillo, C. n., Napel, S. n., Fleischmann, D. n., Nguyen, D. H.
  2020; 47 (5): 428–34

- **Magnetic resonance-guided focused ultrasound treatment of extra-abdominal desmoid tumors: a retrospective multicenter study** *EUROPEAN RADIOLOGY*
  Ghanouni, P., Dobrotwir, A., Bazzocchi, A., Bucknor, M., Bitton, R., Rosenberg, J., Telischak, K., Busacca, M., Ferrari, S., Albisinni, U., Walters, S., Gold, G., Ganjoo, et al
  2017; 27 (2): 732-740

- **Rapid MR venography in children using a blood pool contrast agent and multi-station fat-water-separated volumetric imaging** *PEDIATRIC RADIOLOGY*
  Ghanouni, P., Walters, S. G., Vasanawala, S. S.
  2012; 42 (2): 242-248