



**Prof. Pejman Ghanouni**

Stanford University - California - USA

Visiting the Department of Radiological Oncological and Anatomic-Pathological Sciences from 09.12.2024 to 09.01.2025

Host professor: Alessandro Napoli

I am a diagnostic radiologist with expertise in body MR imaging. My research centers on the development of clinical applications of MR guided high intensity focused ultrasound (MRgFUS). I have been the Principal Investigator or co-Director at Stanford University of multi-center trials using MRgFUS to palliate pain from metastases to bone, to treat uterine fibroids, to perform thalamotomy to treat essential tremor, and to treat focal prostate cancer. After completion of these trials, I have established clinical services to treat bone metastases, uterine fibroids, essential tremor, and prostate cancer. Currently, I co-direct clinical trials using MR guided focused ultrasound to treat epilepsy, Parkinson disease, and pancreatic cancer. Because of my record of continued productivity in my research projects and of successful leadership in clinical trials, and my passion for the translation of new clinical applications of high intensity focused ultrasound for improving patient care, I have been designated the Director of the Stanford Minimally Invasive MR Interventional Center and of the Stanford Focused Ultrasound Center of Excellence. I also serve as Chief of the MRI Body Division, Department of Radiology, Stanford University.