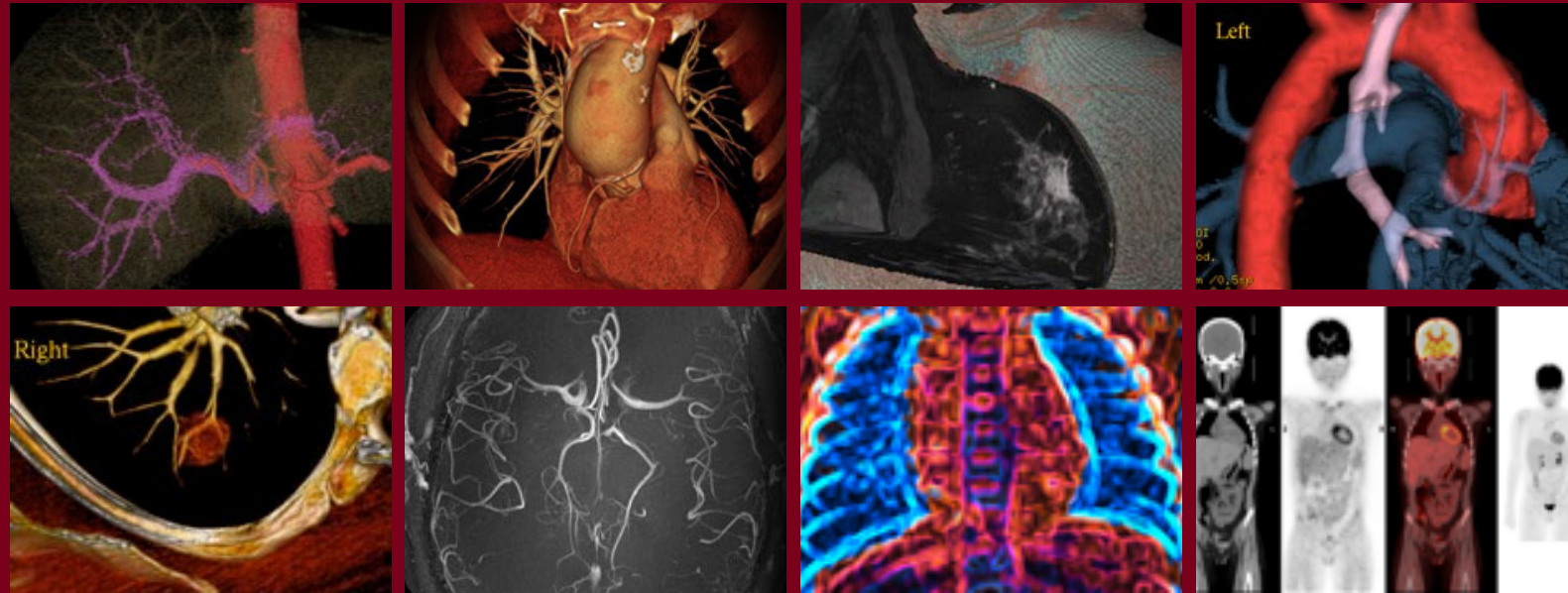




STANFORD
SCHOOL OF MEDICINE

Stanford University Medical Center



CME RADIOLOGY GRAND ROUNDS

“MR-Guided Focused Ultrasound”

Kim Butts Pauly, PhD

Professor of Radiology
Stanford University

Tuesday, November 6, 2012

7:30 AM - 8:30 AM

Clark Center Auditorium

**Coffee & Pastries will be served at 7:00 AM*

**Course Directors: Sanjiv Sam Gambhir, MD, PhD
Andrei Iagaru, MD**

ABSTRACT

MRgFUS is an emerging treatment modality for the non-invasive treatment of a variety of disorders. It is FDA approved for the treatment of uterine fibroids and is in clinical trials for the treatment of neuropathic pain, essential tremor, brain tumors, painful bone metastases, prostate cancer, and liver cancer. For these applications, MRI provides image guidance for targeting, temperature imaging, and treatment assessment. Focused ultrasound is also being investigated for neuromodulation and for opening the blood brain barrier for drug delivery. This talk will review the clinical applications, ongoing basic science research, as well as discuss current work to address ongoing engineering challenges.

Accreditation

The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation

The Stanford University School of Medicine designates this live activity for a maximum of 1.00 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Cultural and Linguistic Competency

California Assembly Bill 1195 requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. The planners and speakers of this CME activity have been encouraged to address cultural issues relevant to their topic area. The Stanford University School of Medicine Multicultural Health Portal also contains many useful cultural and linguistic competency tools including culture guides, language access information and pertinent state and federal laws. You are encouraged to visit the portal: <http://lane.stanford.edu/portals/cultural.html>