



## “Pediatric CT and Radiation: Beyond the Noise”



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**Thursday, September 19, 2013**

**5:30 PM - 6:30 PM**

**Li Ka Shing Center - Room LK130**

### Global Learning Objectives

- Critically analyze research, guidelines and appropriate use criteria to develop best-practice diagnosis and treatment strategies
- Evaluate latest innovations in imaging to assess safety and effectiveness

### Session Learning Objectives

- Better understand the depth and breadth of factors influencing the practice of CT in children
- Be able to differentiate impact/influence of many of these factors
- Begin to formulate and apply models/strategies for more defensible use of CT in children
- Articulate the radiology community role these models/strategies

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

**ABSTRACT** The traditional issue with pediatric CT and radiation is “the balance” between image quality and radiation dose (and risk). While this is a challenging issue to address in and of itself, especially with uncertainties in risk and difficulties with defining quality, there are other important balances which influence the practice of CT that must be considered and are arguably less familiar but more influential than the traditional dose-quality balance. Elements of these other balances include available resources (imaging technology and expertise), varying clinical landscapes, parental expectations, comprehensive and comprehensible information, evidential vs anecdotal decision making, rewards (e.g. performance metrics), and self-referral (including our reports). These apply beyond CT to much of imaging care and material and discussion of the above will emphasize the responsibility of the radiology community in consensus strategies for imaging accountability.

### Accreditation

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### 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>