Low Dose CT Grand Challenge









Who can participate

- CT image reconstruction researchers
- CT image denoising researchers

Why participate

- Test your reconstruction/denoising algorithms against others in the field
- Use real patient data w/ and w/o pathology

Timeline

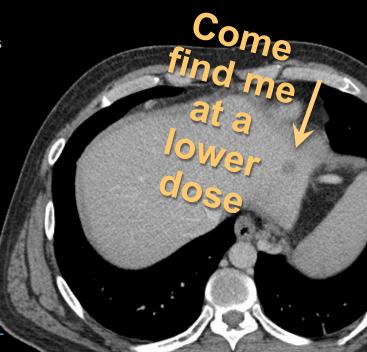
- Jan 2016: Participants download patient data from AAPM website
 - Radiologist-selected abdominal CT patient cases (10 training, 20 testing) with noise inserted to simulate lower dose acquisitions
 - Projection data converted into an open format (user manual and reading tools provided)
- Apr 2016: Participants submit reconstructed images or denoised images to AAPM website
- Jun 2016: Images read by radiologists at the host site
- Aug 2016: Winners announced at AAPM Annual Meeting

Prizes

- Three best-performing participants will be invited to present their technique in a Low Dose CT scientific symposium at the 2016 AAPM Annual Meeting
- Free AAPM Annual Meeting registration for top three participants
- Manuscript co-authorship
- Bragging rights

How to participate

- Visit AAPM website for details
- Contact Dr. Cynthia McCollough McCollough.Cynthia@mayo.edu



www.aapm.org/GrandChallenge/LowDoseCT