Reminders

- Call for Abstracts - RSNA 2015: the deadline is Wednesday, April 8, 12:00 Noon Central Time.

General Discussion

Updates - Round 4 project reports (Dr. Jackson)

- Dr. Jackson’s software project is progressing and on track to meet the Sept 2015 deadline
- Software designed to auto-analyze data acquired using the DCE-MR physical phantom
- Software developed and tested on three major vendor systems using 1.5T and 3T

Updates - Round 4 project reports (Dr. Barbioriak)

- Dr. Barbioriak’s software analysis project is an extension of his previous project; resulting in extensive analysis of T1 mapping using synthetic data (DRO)
- Results have demonstrated the need to sample parameter space more appropriately
- More realistic DROs being created to mimic dynamic parameters
- Outstanding question remains how to make a binary decision re software performance based on massive acquired data; additional discussion needed

DTI Task Force Update (Dr. Schneider)

- Drs. Schneider and Provenzale recently met at Duke to outline goals and a timeline
- Diffusion imaging of the brain using 3T platforms will be the Profile focus
- Characterizing the workflow process and additional performance frontiers to assess imaging “goodness”
- Additional sample data is needed to assist with formulating the Profile claim language
- Drs. Boss and Guimaraes offered their assistance with Claim development
- The possibility of multiple DTI Claims based-on supporting literature discussed
- A draft Profile for committee review is expected by September 2015, with public comment soon after
- Dr. Krainak suggested the DICOM 181 Supplement as a useful reference

DWI Task Force Update (Dr. Boss)

- The DWI TF held its inaugural call and Profile feedback is being received
- Cross-sectional vs. longitudinal Claim language was compared
- The need to associate the DWI claim to both the current phantom and a clinical use-case was voiced
- Need to better define “isocenter” within the Claim language
- Separate stat tables suggested for different organ systems
- Claim rational re technical capabilities (phantom) vs. best practices to be discussed on an upcoming DWI TF call

Next t-con: March 18, 2015, 11 AM CT