

## QIBA Perfusion, Diffusion and Flow – MRI Technical Committee Update Call

Wednesday, 09-July-2014 at 11 AM CDT

### Call Summary

#### Participants

**Marko Ivancevic, PhD (Co-Chair)**

**Mark Rosen, MD, PhD (Co-Chair)**

**Gudrun Zahlmann, PhD (Co-Chair)**

Daniel Barboriak, MD

Michael Boss, PhD

Thomas Chenevert, PhD

Patricia Cole, PhD, MD

David Collins, BA

Benjamin Ellingson, PhD

James Ewing, PhD

Dena Flamini, RT

Daniel Gembris, PhD

Dennis Hedderich, MD

Edward Jackson, PhD

John Kirsch, PhD

Hendrik Laue, PhD

Thorsten Persigehl, MD

David Purdy, PhD

Mark Shiroishi, MD

Daniel Sullivan, MD

Ying Tang, PhD

Brian Taylor, PhD

Jihong Wang, PhD

Ona Wu, PhD

#### RSNA

Joe Koudelik

Madeleine McCoy

#### General Update (Drs. Rosen and Zahlmann)

- Progress has been made during offline discussions regarding the DCE Compliance document.
  - Drs. Guimaraes and Rosen will continue working with contributors either offline or during a dedicated Tech Ctte t-con
- Round 4 project proposals have been submitted for Steering Ctte consideration and voting
- A MOU has been signed between RSNA and EORTC re: future ADC phantom collaborative activities

#### DWI Phantom Update (Dr. Persigehl)

- Dr. Persigehl gave an update on the DWI-phantom scan results made at Cologne
  - The QIBA DWI Phantom study was performed on a Philips Machine using 3.0 T, 1.5 T and 1.0 T data
  - ADC values by concentration were discussed re: water and PVP
  - Reproducibility: Day 1 vs. Day 2 was overviewed
  - Dr. Boss will further discuss the final data and next steps offline with Drs. Hedderich and Persigehl
- Dr. Boss will continue design the next generation form factor (body) phantom and include features as discussed with Dr. Collins

**Next t-con:** QIBA PDF-MRI Tech Ctte Update T-Con, Wednesday, July 23, 2014 at 11am (CT)