

## QIBA Diffusion-Weighted Imaging Biomarker Committee (BC) Call

Thursday, October 18, 2018 at 2 PM (CT)

### Call Summary

#### Participants

Michael Boss, PhD (Co-Chair)

Thomas Chenevert, PhD (Co-Chair)

Amita Dave, PhD

Dariya Malyarenko, PhD

Nancy Obuchowski, PhD

Savannah Partridge, PhD

Junqian (Gordon) Xu, PhD

Qing Yuan, PhD

#### RSNA

Susan Stanfa

Moderator: Dr. Boss

#### Notes approval

- The notes from September 20, 2018 were approved as presented

#### QIBA Working Meeting and Meet-the-Experts Sessions at RSNA 2018

- All are encouraged to RSVP for the [QIBA Working Meeting](#) on Wednesday, November 28<sup>th</sup>
- All are invited to volunteer for the poster [Meet-the-Expert](#) session times
- This is the last DWI BC call before the October 31 deadline for the print-ready poster to be submitted to RSNA staff
- Dr. Boss is poster author with Drs. Bercha, Chenevert, Dave and Malyarenko, et al. contributing their efforts
- Dr. Boss reviewed DWI content from past PDF-MRI BC posters (2014-17) and proposed a format for this year's first DWI BC poster:
  - Suggestion to include Dr. Boss' isotropic diffusion phantom round-robin study results
  - Recent DWI-related publications to be referenced
- DWI BC poster discussions will be continued off line

#### DWI Profile Update

- An overview of changes made since the September 20 meeting was provided and remaining issues were addressed
  - Section E.4. ADC Spatial Dependence was updated
  - References to the DRO were incorporated
    - Discussion on links to content on the QIDW
    - There is now public access to the DROs
    - Dr. Boss to follow up with RSNA staff to request that QIBaphan software be made publicly accessible from the QIDW (no log-in needed)
  - Section 3.10.2: Image Analysis Specification Table: it was agreed that, "Software shall extract b values and diffusion axis direction from DICOM header" should remain
  - Section 3.11 Image QA: Dr. Chenevert sent figures to Dr. Boss for incorporation into the Profile; images were reformatted/combined for smaller file size and easier reference
    - The figures and accompanying text were transferred
    - Additional figures will need to be modified to the same style of figure text and captions
- Dr. Boss to perform a final, high-level review of the Profile
- Checklists are being developed and will be located in the last appendix of the Consensus Profile
- Dr. Boss to be provided access to the Memorial Sloan Kettering (MSK) Google Drive

- Discussion regarding next steps for the amended Profile
  - Breast detail added as an additional organ / site after the public comment phase; a checklists will be added soon
  - Draft to be completed prior to the RSNA Annual Meeting
  - Drs. Boss and Chenevert to confirm whether the Profile has changed enough to require another round of public comment (due to the new material added), or whether the Profile can simply proceed to a vote-to-publish as Stage 2: Consensus
  
- As soon as it is published, Dr. Partridge will send her paper to Dr. Boss for distribution

**Next DWI BC Call:** Thursday, November 15, 2018 at 2 PM CT

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