

QIBA Diffusion-Weighted Imaging MR Biomarker Committee (BC) Meeting

Tuesday, October 25, 2022, at 1 pm (CT)

Meeting Summary

Participants

Michael Boss, PhD (Co-chair)

Dariya Malyarenko, PhD (Co-chair)

Trevor Andrews, PhD

Thomas Chenevert, PhD

Erin Kelly, PhD

Daniel Margolis, MD

Peter Ngum, MSc

Nancy Obuchowski, PhD

Lisa Wilmes, PhD

RSNA

Susan Stanfa

Topics:

- Update on Profile revisions
- QIBA Kiosk Poster: DWI BC Experience with Conformance Testing

Next Steps / Action Items:

- The number of requirements has been significantly consolidated (reduction of 35 – 40%); only 35 specifications remain
- Title of the Profile to match the new naming convention developed by the Process Cmte (PC), e.g., Magnetic Resonance Diffusion Weighted Imaging (DWI) of Apparent Diffusion Coefficient (ADC)
 - With a variety of DWI techniques, and considering that users would most likely search for the Profile using the key term, “ADC”, it should remain in the title
 - “DWI” will remain in the title for now and Dr. Boss will raise this issue with the PC
- Change log to be removed since all items have all been addressed
- Levels of specifications, e.g., target, ideal, and acceptable, have been removed and appendices were updated to align with checklists
- DWI BC members were asked to review the Acknowledgements section and contact Dr. Boss if they have been inadvertently omitted
- To accelerate approval and publication process of Stage 3 Profile, discussion re: testing non inferiority rather than requiring one to prove that within-subject coefficient of variation was as good as or better than Claim values to be tabled until the next iteration of the Profile
- The new streamlined Profile template will be adopted in the 2023 version of the Profile
- The following Profile-related tasks need to be completed:
 - All changes to the Profile to be accepted
 - Profile to be distributed for BC Internal Review of implemented feedback/comment resolutions
 - Vote-to-publish the Profile as Clinically Feasible (Stage 3) to be initiated by the BC then the MR CC
- DWI BC members to create a poster based on the DWI BC experience with conformance-testing results, focusing on the message that ADC Profile protocols are reasonable for implementation in clinical trials
 - The poster format will be the typical 1.95 meters wide x 1.2 meters high, and Dr. Boss will provide a PPT template with appropriate dimensions
 - Drs. Boss and Malyarenko to discuss the poster offline and send out a PDF of poster for DWI BC member review
 - Poster content due to RSNA staff by November 2

Next DWI-MR BC Meeting: Tuesday, November 22, 2022, at 1 p.m. (CT)

Zoom meeting link: <https://rsna-org.zoom.us/j/83547454118?pwd=VU5La0RRYXV5eDRlYzVrQjNGWGZCZz09>

Meeting ID: 835 4745 4118

Passcode: DWI