

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

Tuesday, October 24, 2023, at 1 pm (CT)

## Meeting Summary

### Participants

Michael Boss, PhD (Co-chair)

Dariya Malyarenko, PhD (Co-chair)

Daniel Margolis, MD (Co-chair)

Trevor Andrews, PhD

Amita Shukla Dave, PhD

Nandita deSouza, MD

Moti Freiman, PhD

Kevin Miller, MS

Nancy Obuchowski, PhD

Dafna Sourani-Link, PhD

Callie Weiant, JD

Lisa Wilmes, PhD

Jessica M. Winfield, PhD

### RSNA

Susan Stanfa

### Discussion Topics

- Letter to RSNA Quantitative Imaging Committee (QUIC)
- Special report

### Action Items:

- Review of letter to QUIC, authored by Drs. deSouza and Margolis (clinicians) and Drs. Boss and Malyarenko (academics)
  - ADC advocated for as one of the 1 – 3 QIBs on which QUIC could focus
  - Rationale to be the translatability and increased rigor of ADC due to DWI BC Profile efforts
  - BC establishment of formal conformance certification options for the Profile to support broad use and adoption of Profile
- The DWI Special Report Writing TF met to discuss and incorporate BC feedback and make assignments
  - Drs. Boss and Malyarenko had provided major components of the Profile
  - All BC comments were incorporated
  - Content limit is 3,000 words

### Next Steps:

- Latest version of letter to QUIC to be circulated for BC feedback, goal is to finalize letter by Nov. 15
  - DWI BC leaders and Dr. deSouza to convene between Nov. 10 – Nov. 15 re: final copy
  - All communications for QUIC should be directed to [qiba@rsna.org](mailto:qiba@rsna.org) (will remain active)
- Dr. Malyarenko to submit Special Report for publication by Oct. 31
  - Dr. Malyarenko to determine whether references need to be limited to comply with submission instructions
  - Figure from the DWI Profile to be added
  - Historical information to be added to introduction
  - References to be reviewed and finalized
  - Dr. Obuchowski to review statistical aspect, e.g., updated Claim
  - Dr. Boss to finish resolving comments, clean up, and circulate by EOB on Oct. 27
- **Next DWI-MR BC Meeting: TBD**

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Participants are welcome to contact RSNA staff at [qiba@rsna.org](mailto:qiba@rsna.org) if their attendance is not reflected in meeting summaries.