QIBA Dynamic Susceptibility Contrast (DSC-MRI) Biomarker Committee (BC) Meeting

Wednesday, January 11, 2023, at 11 a.m. (CT)

Meeting Summary

Participants			**RSNA**
Mark Shiroishi, MD (Co-chair)	Nima Ameli, MD	Lisa Cimino, RT	Susan Stanfa
Ona Wu, PhD (Co-Chair)	Michael Boss, PhD	Yuxiang Zhou, PhD, DABR	

The following topics were discussed:

- Progress update on DSC-MRI White paper draft to be submitted to *Radiology*

Action items

- A figure illustrating workflow, showing ROI placements and how to find the ROI in normal appearing white matter or in the tumor enhancement region was reviewed
  - Based on a publication from Dr. Ellington's group: Cho NS, et al. **A multi-reader comparison of normal-appearing white matter normalization techniques for perfusion and diffusion MRI in brain tumors**
- It was pointed out that since the Profile Claim is based on methods used on the Prah paper, the workflow figure and normalization method in Section 4.7 Assessment Procedure need to be consistent with those methods
  - An amendment to the Profile to be made, noting that there are multiple normalization methods
  - Prah paper authors to report back to Dr. Quarles re: normalization methods
  - Dr. Shiroishi to finalize figure once ROI size has been confirmed (2 cm^2 or 4 cm^2)
- Formal Profile change process for substantive Profile updates has been discussed by the Process Cmte; Dr. Boss to report back to DSC-MRI after conferring with Chair, Mr. O'Donnell
  - Minor amendments to Profile that do not impact Claim can be made without public comment
- DSC-MRI white paper to be circulated among co-authors once the draft is completed; manuscript to be finalized in February
  - Manuscript is 300 words over the *Radiology* limitation; Dr. Wu to work on reducing paper length

Next DSC-MRI BC Meeting: Wednesday, February 8, 2023, at 11 a.m. CT

Participants are welcome to contact RSNA staff at qiba@rsna.org if their attendance is not reflected in meeting summaries.