

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

Wednesday, May 31, 2023, at 11 a.m. (CT)

Meeting Summary

Participants

Mark Shiroishi, MD (Co-chair)

Ona Wu, PhD (Co-chair)

Nima Ameli, MD

Lisa Cimino, RT

Wolter De Graaf, PhD

Zhaoyang Fan, PhD

Sina Nazemi, MD

Nancy Obuchowski, PhD

RSNA

Susan Stanfa

The following topics were discussed:

- DSC-MRI White paper draft to be submitted to *Radiology*
- Possible Profile amendments

Action items

- Figures illustrating workflow, showing ROI placements and how to find the ROI in normal appearing white matter or in the tumor enhancement region were reviewed
 - Example of GBM patient with initial and post-intervention scans was used
 - Dr. Fan co-registered images at 1st and 2nd time points
- Claims values, including confidence intervals and minimally detectable values were discussed
- Requirements for the power injector to be added back to 3.4 Installation section of the Profile

Next Steps

- Dr. Shiroishi request details on the normalization method used and ROI size from Dr. Prah, as the DSC-MRI Profile Claims are based on that paper; amendments to the white paper and Profile may be needed based on responses
- Dr. Shiroishi to request staff statistician for feedback on equations in white paper
- The next meeting will be held on **Wednesday, June 14, 2023, at 11 a.m. CT**

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