

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

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

## Draft Meeting Summary

### Participants

Mark Shiroishi, MD (Co-chair)

Ona Wu, PhD (Co-chair)

Nima Ameli, MD

Lisa Cimino, RT

Zhaoyang Fan, PhD

Nancy Obuchowski, PhD

### RSNA

Susan Stanfa

### The following topics were discussed:

- Future of the DSC-MRI BC
- Updated literature review
- Checklist for GABLE study
- White paper
- Letter to QUIC

### Action items

- QIBA Biomarker Committees will not formally exist, nor receive RSNA admin support after Dec. 22
  - Partnering under the ISMRM Perfusion or ASFN study groups discussed, but the DSC-MRI BC decided to continue as an independent Profile-writing group with monthly meetings under Dr. Wu's Zoom account
- An updated literature review will be done to gather test-retest data from studies that used medium and low flip angles as well as different ROI size specifications

### Next Steps

- The white paper was submitted to *Radiology* and coauthors are asked to sign their copyright agreements
- Dr. Obuchowski to send limit of detection analysis papers to DSC-MRI leaders
- Checklist based on the DSC-MRI Profile and adapted for use by clinical trial sites to be developed for GABLE study with the following specifications: (1) 1.5T and 3T Claims, (2) echo time (te), (3) flip angles < 90 degrees, (4) no preload
- Letter to QUIC to request their consideration in overseeing DSC-MRI Profile efforts to be drafted for submission by Dec. 1
- Staff to send DSC-MRI email roster to BC leaders for reference
- Staff to contact core/active BC members to enquire whether they would like to opt out of this BC (i.e., stop receiving call details) after Dec. 22
- The next DSC-MRI BC meeting will be held on **Wednesday, November 8, 2023, at 11:00 – 11:50 a.m. CT**

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