

QIBA Dynamic Susceptibility Contrast (DSC) Biomarker Committee (BC) Call

Wednesday, February 13, 2019 at 11 AM (CT)

Call Summary

Participants

Bradley Erickson, MD, PhD (Co-Chair)
Michael Boss, PhD
Jerrold Boxerman, MD, PhD

Wolter de Graaf, PhD
Nancy Obuchowski, PhD
Mark Shiroishi, MD

Chad Quarles, PhD
Gudrun Zahlmann, PhD

RSNA

Joe Koudelik
Julie Lisiecki

Moderator: Dr. Erickson

DSC Profile Update

- [Profile available to all DSC BC members through Google Drive](#) (Google Chrome browser recommended)
- The DSC Profile is close to completion
 - Dr. Shiroishi recently added clinical context details, and Dr. Wu is adding technical content
- DSC BC members are asked to visit the Profile and make comments using the “[suggesting mode](#)” so changes will be obvious to Profile editors
 - This is accessible by clicking in the top right corner of the document and selecting the pencil icon
 - This “suggesting mode” works similarly to the “track changes” function in Microsoft Word, as edits can be made, but the original text will not be removed until edits are incorporated by the Profile editor
- The goal for Profile completion is the QIBA Annual Meeting, mid-June

Items discussed included:

- Operation within the allowable performance parameters specified in the Profile; discussion regarding whether the current values are correct
- Dosing schema: bolus preload vs. no-preload; loss of precision observed with reduced bolus injection
- Need for more precision regarding the dosing schema as outlined by Dr. Schmainda’s group
 - Dr. Erickson to adjust dosing instructions for scanning parameters
 - He plans to tie the existing and emerging literature to claims
 - Not many changes are anticipated
- Other considerations include software, leakage corrections, and variations, which may impact precision
 - Multiple software versions make the analysis component difficult, as software is constantly changing
 - Generic details may be sufficient in this case, with the primary focus on acquisition

Next DSC BC Call: Wednesday, March 13, 2019 at 11 AM CT

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, **if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible.** Call participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected on the call summaries.