

# QIBA Dynamic Contrast-Enhanced (DCE) MRI Biomarker Committee (BC) Meeting

Monday, June 26, 2023, at 11 a.m. (CT)

## Meeting Summary

### In attendance

Hendrik Laue, PhD (Co-chair)

James O'Connor, MD, PhD (Co-chair)

Ararat Chakhoyan, PhD

Caroline Chung, MD

Shanshan Jiang, MD, PhD

Cristina Lavini, PhD

Mark Shiroishi, MD

Rianne van der Heijden, MD, PhD

### RSNA staff

Susan Stanfa

### Topics Discussed:

- Remaining issues in the [Profile Resolution Sheet](#) with reference to the [current DCE-MRI Profile](#)
- Repeatability metanalysis

### Action Items

#### Profile

- Dr. Chung to share EndNote reference library with Dr. Laue, who will use Google [Paperpile](#) to import the references into the Google Profile Doc
- Images for artifact examples are needed
- Dr. Laue to:
  - Reach out to Mr. Martin regarding comment on flow compensation usage and/or obliquity in discussion of plane selection
  - Generate DROs with modeling software and make recommendations re: flip angle
  - Add Claim definition examples
  - Determine whether the power injector has been approved by the FDA

#### Repeatability Analysis

- Additional analysis and updated slides to be shared with Dr. Obuchowski
- Suggestion to reach out to Dr. Boss for help obtaining brain datasets from ACRIN study

### Next Steps:

- The next DCE-MRI BC meeting will be held on **Monday, July 10, 2023, at 11:00 a.m. – 11:50 a.m. CT**
- [DCE-MRI Profile v2.0](#) to be completed, followed by BC review, and vote-to-publish the Profile as Stage 2: Consensus followed by an MR CC vote
- Summary of Consensus Profile (stage 2) to be drafted and submitted to *Radiology* for publication

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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.