

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

Monday, August 14, 2023, at 11 a.m. (CT)

Meeting Summary

In attendance

Hendrik Laue, PhD (Co-chair)

Nima Ameli, MD

Ararat Chakhoyan, PhD

Caroline Chung, MD

Nancy Obuchowski, 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](#)

Action Items

DCE-MRI Profile

- Due to the time-consuming process of installing, configuring, and running the DRO software from Duke, generation of the T1 prostate DRO data may be postponed; suggestion to add a footnote that the DROs will be available soon
- Claim definition examples to be added
- Performance issue related to K^{trans} to be addressed
- Dr. Lavini volunteered to reach out to Mr. Martin regarding comment on flow compensation usage and/or obliquity in discussion of plane selection
- Images for artifact examples are needed
- Abbreviations are being sorted and Table of Contents to be updated
- Suggestion to reach out to those on Acknowledgements list to confirm they would like to be included

Next Steps:

- The next DCE-MRI BC meeting will be held on **Monday, August 28, 2023, at 11:00 a.m. CT**
- Dr. Shiroishi to continue investigation into whether FDA clearance was granted for a power injector for DCE-MRI
- DCE-MRI Profile v2.0 to be completed, followed by BC internal review, and BC vote-to-publish the Profile as Stage 2: Consensus followed by an MR CC vote
- Summary of Consensus Profile (stage 2) may be drafted and submitted to *Radiology* for publication

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