

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

Monday, December 12, 2022, 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

Lucas McCullum, MS

Nancy Obuchowski, PhD

Mark Shiroishi, MD

RSNA staff

Susan Stanfa

Topics Discussed:

- Public comment resolutions
- Profile updates
 - Sections discussed included 3.5: Periodic QA, 3.6: Protocol and Reconstruction Design, 4.2 Assessment Procedures: Image Analysis Software, 3.8: Subject Handling

Next Steps / Action Items:

- Footnotes were added to Sections: 3.5, 3.6 and 4.2 to addresses issues discussed during the recent meetings (see [DCE-MRI Profile Google Doc](#))
- Bullet added to list of activities in Section 3.8 that describes details of handling imaging subjects to ideally meet the Profile Claim, "Ideally, the patient is scanned on the same machine with the same scanner software"
- Discussion on whether to require measurement of hematocrit in Section 3.8, especially in individual follow up studies
 - Since the reality is that most sites do not measure it, the following text was added: "Under ideal circumstances the hematocrit should also be taken into account, but this is seldom done in practice"
 - **Dr. Shiroishi will search for a publication that discusses this issue in depth** and the reference will be added
- **Dr. Laue will continue making updates to the Profile and will discuss specific issues with Dr. Lavini**

Future Tasks:

- Plan to advance Profile v 2.0 to Consensus Stage
 - Finish the [DCE-MRI BC Profile v2.0](#)
 - Internal BC review of Profile draft
 - Next, a BC vote-to-publish the Profile as Stage 2: Consensus will be followed by an MR CC vote
- Work toward Stage 3: Clinically Feasible (formerly Technically Confirmed)

Next meeting: Monday, January 9, 2023, at 11 a.m. (CT) [2nd & 4th Mondays of each month]

Zoom meeting link: <https://rsna-org.zoom.us/j/86058676145?pwd=TjYySW8vb0hhUXE4TEZHVkFSOHNSQT09>

Meeting ID: 860 5867 6145

Passcode: DCE

RSNA Staff attempt to capture the names of committee members participating on Zoom meetings. However, if attendees join only by phone or do not use recognizable named, identification is not possible. Participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected in meeting summaries.