

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

Monday, October 23, 2023, at 11 a.m. (CT)

Meeting Summary

In attendance

Hendrik Laue, PhD (Co-chair)
Ararat Chakhoyan, PhD

Caroline Chung, MD
Cristina Lavini, PhD

Nancy Obuchowski, PhD
Rianne van der Heijden, MD, PhD

RSNA staff

Susan Stanfa

Topics Discussed:

- Philips 3T bug fix
- [DCE-MRI Profile](#) update
- QIBA Quantitative Imaging Data Warehouse (QIDW) retirement

Action Items

- Philips identified a bug in their 3T scanner, and it will be fixed in release 12
 - This doesn't address the B1 issue, but they indicated interest in working with the DCE-MRI Profile-writing group on a future Profile version
- Remaining DCE-MRI Profile Tasks
 - Performance issue related to K^{trans} to be addressed
 - Statistical assumptions to be included in Claim description
 - Dr. Shiroishi to continue investigation into whether FDA clearance was granted for a power injector for DCE-MRI
 - Images of artifact examples are needed
 - References were incorporated into the Profile, which required installing PaperPile plugin, and converting all text back into a new [DCE-MRI Profile Google Doc](#)
 - Appendix D: Abbreviations has been completed; suggestion to reference DWI Profile
 - Public comment submitter list to be included along with (1) Current Profile contributors and (2) Past and notable contributor lists

Next Steps:

- DCE-MRI Profile-supporting research data in QIDW to be removed and/or copied and stored elsewhere as soon as possible, but no later than December 15, 2023
 - References/links to the QIDW in Profiles will need to be updated to a new storage location
 - Dr. Laue to set up a community in [Zenodo](#), upload the data, and circulate the link
- DCE-MRI BC members were asked to review the [DCE-MRI Profile Google Doc](#) and provide feedback
- Completed resolution spreadsheet to be submitted to RSNA staff for Wiki posting
- BC internal review, and BC vote-to-publish the Profile as Stage 2: Consensus followed by an MR CC vote
- The next DCE-MRI BC meeting will be held on **Monday, November 13, 2023, at 11:00 a.m. CT**