

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

Monday, July 24, 2023, at 11 a.m. (CT)

Meeting Summary

In attendance			RSNA staff
Hendrik Laue, PhD (Co-chair)	Caroline Chung, MD	Nancy Obuchowski, PhD	Joe Koudelik
Nima Ameli, MD	Cristina Lavini, PhD	Mark Shiroishi, MD	Susan Stanfa
Michael Boss, PhD	Sina Nazemi, MD	Rianne van der Heijden, MD, PhD	
Ararat Chakhoyan, PhD			

Topics Discussed:

- Remaining issues in the [Profile Resolution Sheet](#) with reference to the [current DCE-MRI Profile](#)
- QIBA transition and DCE-MRI BC next steps

Action Items

Profile

- References were incorporated into the Profile, which required installing PaperPile plugin, and converting all text back into a new [DCE-MRI Profile Google Doc](#)
- Abbreviations are being sorted
- A new DRO for prostate T1 mapping is being created
- Table of Contents and Contributions section to be updated
- T1 error to be linked to K^{trans} error

QIBA transition and future of the DCE-MRI BC

- Once it has been formed, the new RSNA committee, the Quantitative Imaging Committee (QUIC), will assume QIBA oversight and may initially focus on 1-3 QIBs
- Feasible BC deliverables need to be determined, as QIBA admin support and BCs will be dissolved in ~5 months
- In-process Profiles to be advanced to nearest stage and/or summary or white paper of the Profile to be published
- QIBA Wiki will be accessible post-transition
- Meta-analysis efforts for DCE welcome to continue independently post-transition
- BC members are welcome to submit comments / questions about transition plans to the [Future Direction of QIBA Activities Form](#)
- Possible natural partnerships with societies, e.g., ISMRM (Perfusion Study Group), ASFNR, etc. to be considered
- MR CC is formulating a response re: next steps for MR BCs
- Working with OSIP to be considered
- Possible EIBIR collaboration to be discussed with Dr. O'Connor

Next Steps:

- The next DCE-MRI BC meeting will be held on **Monday, August 14, 2023, at 11:00 a.m. – 11:50 a.m. CT**
 - Updates on repeatability data analysis and publication needed
- Dr. Shiroishi to look into whether the power injector for DCE-MRI BC has been approved by the FDA
- [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) 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.