

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

Monday, November 13, 2023, at 11 a.m. (CT)

## Meeting Summary

### In attendance

Hendrik Laue, PhD (Co-chair)

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

Nima Ameli, MD

Ararat Chakhoyan, PhD

Caroline Chung, MD

Cristina Lavini, PhD

Nancy Obuchowski, PhD

Mark Shiroishi, MD

Rianne van der Heijden, MD, PhD

### RSNA staff

Joe Koudelik

Susan Stanfa

### Topics Discussed:

- QIBA Quantitative Imaging Data Warehouse (QIDW) retirement
- [DCE-MRI Profile](#) update
- DCE-MRI White Paper
- Repeatability metanalysis paper update

### Action Items

- 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 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

### Next Steps:

- Drs. Barboriak, Persigehl, and Nayak to confirm whether DCE-MRI data are stored or copied elsewhere
- References/links to the QIDW in Profiles to be updated to a new host/repository location
- Completed public comment feedback 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
- Drs. O'Connor, van der Heijden, Lavini, and Chung to review Profile and summarize into key points for the DCE-MRI White Paper
- Dr. O'Connor to finalize what repeatability data to include, run statistical aspects past Dr. Obuchowski, send out slides with key points and results, and schedule a follow up meeting
- The next DCE-MRI BC meeting will be held offline on **Monday, December 4, 2023, at 11:00 a.m. CT**; Dr. Laue to host and send out details
  - If needed, additional meeting to be scheduled for **Monday, December 11, 2023, at 11:00 a.m. CT**
  - DCE-MRI efforts to continue after Dec. 22 as an independent Profile-writing group with meetings under Dr. Laue's Zoom account

### QI Sessions and Activities at RSNA 2023

- *2023 QI Symposium: Sponsored by QIBA: Quantitative Imaging in the Era of Artificial Intelligence: Opportunities and Needs*, Wednesday, November 29, 2023, from 2 to 4 pm CT at McCormick Place. [Room E253AB \(East Building / Lakeside Center\)](#).
- *Building a Quantitative Imaging Research Study*, Tuesday, November 28, 2023, from 11:00 am to 12:00 pm CT at McCormick Place. [Room S405 \(South Building\)](#).