

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

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

## Meeting Summary

### In attendance

*Hendrik Laue, PhD (Co-chair)*

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

Ararat Chakhoyan, PhD

Cristina Lavini, PhD

Sina Nazemi, MD

Mark Shiroishi, MD

### RSNA staff

Susan Stanfa

### Topics Discussed:

- [Public comment resolutions](#): rows 96, 115, and 118
- [Profile updates](#)
  - Sections discussed included 2.1: Clinical Context, 3.5: Periodic QA, and 3.6.2: Protocol and Reconstruction Design (brain prescan specifications)

### Next Steps / Action Items:

- 3.6.2: Constant prescan parameters, e.g., Tx and Rx gains, could be ensured by providing vendor specific tags; standard / common DICOM parameters to be noted
- 2.1: Smoothing methods would have unknown effects and may invalidate Claims; text discouraging their use to be included, literature to be referenced, and footnote to be added
- 3.5: Dr. O'Connor to add text explaining importance of not modifying scanner hardware, e.g., 1.5T or 3T, and software during a longitudinal study
- 3.0: Dr. Laue to modify diagram, "Example of a clinical workflow based on QIBA DCE-MRI Profile"

### 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 Profile Stage 3: Clinically Feasible

**Next meeting:** Monday, February 13, 2023, at 11 a.m. (CT) [2<sup>nd</sup> & 4<sup>th</sup> Mondays of each month]

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Participants are welcome to contact RSNA staff at [QIBA@RSNA.org](mailto:QIBA@RSNA.org) if their attendance is not reflected in meeting summaries.