

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

Monday, February 27, 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

Cristina Lavini, PhD

Sina Nazemi, MD

Nancy Obuchowski, PhD

Thomas Taylor, MSc

Rianne van der Heijden, MD, PhD

### RSNA staff

Susan Stanfa

### Topics Discussed:

- Identification of clinical applications for DCE needed
- DCE-MRI Profile companion paper for submission to *Radiology*
- List of Acknowledgements

### Action Items:

- **Dr. O'Connor to review the latest version of the [DCE-MRI Profile](#)**
- **Dr. Laue to reach out to SMEs via email to confirm comment resolutions**
- Acknowledgements section to include all who have contributed to Profile efforts over the past ~10 years
- Once the Stage 2 Consensus Profile has been completed and approved by the BC and MR CC, a companion piece will be drafted and submitted to *Radiology*
- **Mr. Taylor to send a note to [Cancer Informatics for Cancer Centers \(CI4CC\)](#) mailing list and reach out to additional researchers** for additional DCE datasets that measured Ktrans in tumors
  - Calculated values are needed, and each tumor lesion needs to have been evaluated twice at baseline prior to treatment
- Dr. Laue incorporated Dr. Lavini's images into the diagram "Example of a clinical workflow based on QIBA DCE-MRI Profile"; **box plots to be added**

### Next Steps:

- Comments requiring additional BC discussion will be brought to the next meeting on March 13
- Dr. O'Connor provide a 10–15-minute overview on plan for possible *Radiology* submission
- [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

**Next meeting:** Monday, March 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.