

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

Monday, October 10, 2022, at 11 a.m. (CT)

### Meeting Summary

#### In attendance

Hendrik Laue, PhD (Co-chair)  
Ararat Chakhoyan, PhD  
Lucas McCullum, MS

Nancy Obuchowski, PhD  
Kalina Slavkova, PhD

Michael Thrippleton, PhD  
Rianne van der Heijden, MD, PhD

#### RSNA staff

Susan Stanfa

#### Topics Discussed:

- Public comment resolutions
- Profile updates
  - Sections discussed included 3.6: Protocol and Reconstruction Design, 3.10: Image Data Reconstruction, 4.2 Assessment Procedures: Image Analysis Software, and Site Checklist for Qualification Activities

#### Next Steps / Action Items:

- Mr. McCullum is awaiting a response from Dr. Joshua Yung at MD Anderson re: replacement of images in Section 3.11: Image QA with (1) prostate motion artefacts and (2) brain metal artefacts, which would be more specific to the Profile's anatomical sites
- Footnote re: intermediate slices to be added to Appendix F: Vendor Specific B1 Mapping Information for 3T: Identify the ROI(s)
- Dr. Laue to write a brief description of the issue related to GBM and Ktrans in the Claim and solicit additional DCE-MRI BC feedback via email
- Acknowledgements Section to include two separate lists of DCE-MRI BC members based on level of contribution to Profile-writing efforts; staff to send Dr. Laue the current roster with meeting attendance
- Discussion of Dr. Obuchowski's Claim-related comments to be postponed until the next meeting on Oct. 24 and an update on the test-retest data project will be requested

#### Future Tasks:

- Plan to advance Profile v 2.0 to Consensus Stage by RSNA 2022 meeting
  - 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 Stage 3: Clinically Feasible (formerly Technically Confirmed)

**Next meeting:** Monday, October 24, 2022, at 11 a.m. (CT) [2<sup>nd</sup> & 4<sup>th</sup> Mondays of each month]

**Zoom meeting link:** <https://rsna-org.zoom.us/j/86058676145?pwd=TjYySW8vb0hhUXE4TEZHVkFSOHNSQT09>

Meeting ID: 860 5867 6145

Passcode: DCE

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