

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

Monday, February 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

Michael Boss, PhD
Ararat Chakhoyan, PhD
Cristina Lavini, PhD

Sina Nazemi, MD
Nancy Obuchowski, PhD
Thomas Taylor, MSc

RSNA staff

Julie Lisiecki

Topics Discussed:

- ACRIN test-retest data to be included along with existing data
- Dr. Boss working on a publication regarding ACRIN 6701 test-retest studies, to be published later this year
 - Approximately 25-30 patients were included in this study, with test-retest done between 2-14 days
- Mr. Taylor suggested [Cancer Informatics for Cancer Centers](#) (CI4CC) as an additional possible data resource
 - CI4CC includes researchers and informatics department leaders at cancer centers in the US
 - Email contact: cancer-informatics@gmail.com
- Dr. Laue reviewed changes made to the diagram, "Example of a clinical workflow based on QIBA DCE-MRI Profile"
 - Change recommended to Dr. Malyarenko's original diagram was to include one histogram showing the increase and decrease of K^{trans} after treatment
- Dr. Lavini to send images to Dr. Laue to aid with the diagram

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 27, 2023, at 11 a.m. (CT) [2nd & 4th Mondays of each month]

Participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected in meeting summaries.