

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

Monday, April 11, 2022, at 11 a.m. (CT)

Meeting Summary

In attendance

Caroline Chung, MD (Co-chair)

Hendrik Laue, PhD (Co-chair)

Ararat Chakhoyan, PhD

Catherine Coolens, PhD

Lucas McCullum, MS

Nancy Obuchowski, PhD

Rianne van der Heijden, MD, PhD

RSNA staff

Susan Stanfa

Topics Discussed:

- Progress on BC internal review of public comments and corresponding DCE Profile edits

Action Items / Next Steps:

- [Public Comment Resolutions](#) will continue to be incorporated into the [DCE-MRI BC Profile](#)
- Open issues in the Public Comment (stage 1) version of the Profile have all been addressed during the consensus process so they will not be included in the Consensus (stage 2) Profile
- Clinical use cases for DCE-MRI besides tumor were discussed
 - [Musculoskeletal use of DCE-MRI, specifically knee OA](#) suggested by Dr. van der Heijden
 - Bringing solutions to [other brain-related diseases using DCE-MRI](#) was suggested by Dr. Chakhoyan
 - Call to be set up with MR CC Co-chairs to discuss possible DCE-MRI Profile v3.0 with non-tumor applications
 - SME experts, e.g., Drs. Chakhoyan and van der Heijden would be needed to lead these efforts
- The DCE-MRI BC is using an older Profile format with checklists arranged by imaging protocol and containing an actor column (actor listed corresponds with each specific parameter)
 - While the Process Cmte will not require BCs to adopt the new Profile template for existing Profiles, there are some streamlined features BCs may be encouraged to implement
 - In the new Profile template, checklists are arranged by actor, e.g., 3.6 Physicist Checklist, 3.7 Technologist/Scanner Operator Checklist, etc.
 - Staff to ask Dr. Boss to confirm that it is acceptable to delete actor column from the DCE-MRI Profile 3.6.2 Specification table and incorporate Physicist / Technologist into the table's title
- Drs. Chung and Laue to reach out to Dr. Liu and follow up with Dr. O'Connor re: his comments

Next meeting: Monday, April 25, 2022, at 11 a.m. (CT) [2nd & 4th Mondays of each month]

Zoom link: <https://rsna-org.zoom.us/j/86058676145?pwd=TjYySW8vb0hhUXE4TEZHVkJFSOHNSQT09>

Meeting ID: 860 5867 6145 | **Passcode:** DCE

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