

# QIBA Dynamic Susceptibility Contrast (DSC) Biomarker Committee (BC) Call

Wednesday, May 8, 2019 at 11 AM (CT)

## Call Summary

### Participants

Bradley Erickson, MD, PhD (Co-Chair)  
Michael Boss, PhD

Nancy Obuchowski, PhD  
Chad Quarles, PhD

Yuxiang Zhou, PhD, DABR

### RSNA

Joe Koudelik  
Susan Stanfa

*Moderator: Dr. Erickson*

### DSC Profile Update

- [The Profile is available to all DSC BC members through Google Drive](#) (Google Chrome browser recommended)
- Dr. Erickson completed all clinical edits and submitted the Profile to Dr. Wu, who needs to make final edits to the Profile technical specifications; Dr. Obuchowski to also provide input
- The DSC BC aims to have final a draft Profile ready for review in time for the June QIBA f2f Annual Mtg
- Once the Internal BC review process is completed, the DSC Profile will enter the BC approval process; next steps are outlined on the [review process page](#) of the QIBA Wiki
  - Upon DSC BC leadership request, staff will circulate a ballot, asking BC members to vote that the content of the Profile meets the criteria for the stage
  - A similar ballot would then be distributed to MR CC members to vote for the Profile release for public comment
  - No Steering Cmte review or approval is needed
- The QIBA BC prepares for the [public comment \(PC\) process](#) only after the internal review process is completed
  - Editor tidies up PC draft (e.g. "accept all changes" in Word) and submits to staff
  - Staff publishes PC draft on the [Profiles QIBA Wiki page](#)
- 3.13.1: Image Analysis Discussion Section
  - Decision made not to specify analysis software to be used; details to remain generic, with the primary focus on acquisition
    - The software used to produce parametric images from the DSC acquisition is a critical element of the analysis leading to optimal clinical interpretation
    - Software is typically proprietary and is updated on a regular basis; therefore, it is not possible for this Profile to specify the software analysis method, as one cannot know the implementation
  - Concern that an obstacle to Profile progress would be introduced if Profile reviewers were to insist that software analysis details be included as part of Profile specifics
  - Recommendation to proceed to the public comment stage with the Profile as is, but note this in the "Open Issues" log and request feedback

### Announcements

- The next regularly-scheduled DSC BC call would fall on June 12, during the QIBA Annual Meeting (QAM)
  - Co-chairs attending the f2f June QAM will meet at RSNA Headquarters
  - Dr. Erickson to coordinate a f2f meeting during the ISMRM annual meeting to occur on either Sunday, May 12 or Monday, May 13
- Dr. Erickson to moderate the next DSC BC t-con, which is scheduled for July 10 (Dr. Wu is not available)

**Next DSC BC Call:** Wednesday, July 10, 2019 at 11 AM CT [[QIBA Annual Meeting is on June 12](#)]

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