

QIBA Musculoskeletal (MSK) Biomarker Committee (BC) Call

Tuesday, June 23, 2020 at 10 a.m. CT

Call Summary

In attendance

Thomas Link, MD, PhD (Co-Chair)
Angie Botto-van Bemden, PhD
Robert Boutin, MD
Majid Chalian, MD
Ruud de Boer, PhD

Ali Guermazi, MD, PhD
Youngkyoo Jung, PhD, DABR
Jason Kim, PhD
Feliks Kogan, PhD

Kecheng Liu, PhD, MBA
Nancy Obuchowski, PhD
Qi (Chris) Peng, PhD
Can Wu, PhD

RSNA

Susan Stanfa

Moderator: Dr. Link

MSK Profile (Dr. Link)

- BC and MR CC votes were successful, and the Profile will be released for a 90-day public comment period
- The public comment announcement will be distributed to 1400+ QIBA members and 100+ society members; staff to send a list of societies to Drs. Li and Link for review
- Comments to be addressed on a continual basis instead of waiting until the close of the public comment phase
- The [MSK public comment resolution Google Sheet](#) has been created and will be used to document how feedback is addressed
- Once the MSK BC completes the following, it can declare its Profile as [Stage 2: Consensus](#)
 - Consensus is reached on all public comments
 - The completed comment resolution sheet is submitted to staff to post on the [Comment Resolutions page](#) of the QIBA Wiki
 - Checklists to be updated and Conformance Procedures established
 - Successful BC and CC votes to publish on the [Profiles Page](#) on the QIBA Wiki

Update on Special Report (Dr. Chalian)

- Dr. Chalian has been drafting a paper based on the MSK Profile in the style of a “Special Report,” to be submitted to *Radiology*
- Publication of this paper is intended to:
 - Highlight the recommendations and Claims presented in the Profile
 - Issue recommendations for vendors to help standardize cartilage compositional imaging
 - Communicate the required procedure to Profile users
- It was noted that the paper needs to be shortened, as it exceeds the *Radiology* word limitation
- Concern that excessive information may deter readers; the goal is for the content to be widely understood
- Consensus that technical details used to reproduce results will be added as an appendix
- Tables and figures to be added; differences across equipment will need to be documented
- It was noted that the maximum author list on a *Radiology* article is 20, but additional members could be viewed when visiting the PubMed citation
 - Dr. Chalian will be listed as the first author
 - All authors will be listed that actively and significantly contributed
 - All MSK BC members will be included in a consortium type arrangement
 - At the end of the author list “For the RSNA MSK QIBA Biomarker Committee” will be added, authors will thus also be listed in PubMed

- Dr. Chalian encouraged MSK BC members to contact him with any questions
- Once the paper is completed, staff will distribute the draft to MSK BC members for feedback prior to submission

Update on Grant and MSK Phantom (Dr. Link, on behalf of Dr. Li)

- Dr. Li received R01 funding to perform a multi-center standardization study, which will help with technical and claim confirmation
- IRB approval from participating sites is underway
- It is estimated that scanning on patients and the phantom will begin within 1 – 2 months

Next Steps

- Staff to send out the public comment announcement following review and approval from Drs. Li and Link
- Proposed agenda for the next call (subject to change):
 - Review of comments in the comment resolution document will begin
 - Dr. Chalian will complete the paper and provide an update
 - Dr. Li will provide on update on her multi-center standardization study

Next Call: Tuesday, July 28, 2020 at 10 a.m. CT [4th Tuesdays of each month]

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