

## QIBA Musculoskeletal (MSK) Biomarker Committee (BC) Call

Tuesday, July 28, 2020 at 10 a.m. CT

### Call Summary

#### In attendance

Thomas Link, MD, PhD (Co-Chair)  
Angie Botto-van Bemden, PhD  
Robert Boutin, MD  
John Carrino, MD, MPH  
Majid Chalian, MD

Peter Hardy, PhD  
Jason Kim, PhD  
Kecheng Liu, PhD, MBA  
Annelise Malkus, PhD  
Nancy Obuchowski, PhD

Yuxi Pang, PhD  
Qi (Chris) Peng, PhD  
Can Wu, PhD  
Cory Wyatt, PhD

#### RSNA

Joe Koudelik  
Susan Stanfa

**Moderator:** Dr. Link

#### MSK Profile (Dr. Link)

- The Profile was released on June 26 for a 90-day public comment period
- The public comment announcement was distributed to 1400+ QIBA members and 100+ society members
- Although no comments have yet been submitted, it is still early in the process; a reminder was sent on July 22
- 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](#) 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](#) and it will be published on the [Profiles Page](#) on the QIBA Wiki
  - 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

#### 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
- Dr. Chalian has updated the draft document in response to MSK BC feedback; statistical issues have yet to be addressed with Dr. Nancy Obuchowski’s assistance
- Drs. Link and Li are working on figures for the imaging protocol
- Once the paper is completed (around Aug. 11), staff will distribute it to MSK BC members for review prior to submission

#### Multisite/multivendor Grant and Phantom – Update on Arthritis Foundation Study (Drs. Hardy / Link / Peng)

- Dr. Li received R01 funding to perform a multi-center standardization study, which will help with technical and claim confirmation
- The study team met to discuss logistics and protocol orders are ready to proceed

- The study is in the early recruitment phase; delayed due to COVID
- Patient scanning at UCSF has recently began on a very limited scale with spaced out sessions to allow adequate time for air exchange and sanitization processes between scans

#### **Educational/training initiative for T1rh/T2**

- Discussion on this item was tabled until Dr. Li is available to provide an update

#### **Next Steps**

- The MSK BC will not meet in August
- Public comments will be discussed during the next meeting on September 22

**Next Call:** Tuesday, September 22, 2020 at 10 a.m. CT [4<sup>th</sup> Tuesdays of each month]

---

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, **if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible.** Call participants are welcome to contact RSNA staff at [QIBA@RSNA.org](mailto:QIBA@RSNA.org) if their attendance is not reflected on the call summaries.