

QIBA MRE Biomarker Committee Call

Tuesday, July 7, 2015 at 3 PM CT

Call Summary

Participants

Patricia Cole, PhD, MD (Co-Chair)

Richard Ehman, MD (Co-Chair)

Edward Ashton, PhD

Edward Jackson, PhD

Frank Miller, MD

Nancy Obuchowski, PhD

Suraj Serai, PhD

Claude Sirlin, MD

Sudhakar Venkatesh, MD

RSNA

Joe Koudelik

Susan Weinmann

Discussion

- ISRM F2F Meeting Update (Dr. Cole)
 - The MRE BC literature search process was discussed
 - A summary re: the literature search process (e.g., search criteria) is needed

- MRE Literature Search Update (Drs. Serai and Venkatesh)
 - Contacted university librarians, who performed a supplemental literature search
 - Results were similar to what had already been found by Drs. Serai and Venkatesh
 - Dr. Serai has been working with Dr. Obuchowski on statistical analysis
 - Dr. Obuchowski stated that the coefficient of variation (COV) is the standard measurement to support the Profile claim

Next steps / Action Items:

- Dr. Obuchowski to email MRE BC members with directions for next steps on the literature review
 - Assign 3 – 4 papers per MRE BC committee member
 - Determine how COV was calculated from the Methods section in each article
 - whether paired COV or adjusted COV was used, or if unstated
 - QIBA to adopt and publicize standard for calculating COV
 - Prepare revised literature review spreadsheet to present on next MRE BC call

- Drs. Serai and Venkatesh to email MRE BC members to share their literature review steps, including search terms and method used for vetting articles for inclusion

- Next MRE BC Call: Tuesday, August 11 at 3 PM CT