

QIBA PET Myocardial Blood Flow (MBF) Biomarker Committee (BC)

Monday, July 26, 2021, at 9 am CT

Call Summary

In attendance

Robert deKemp, PhD (Co-Chair)
Jonathan B. Moody, PhD (Co-Chair)
P. David Mozley, MD
Nancy Obuchowski, PhD

RSNA Staff

Joe Koudelik
Julie Lisiecki

Moderator: Dr. deKemp

Discussion

- Dr. Obuchowski provided an overview of the new per-subject meta-analysis
- Discussion included use of the term “normal” and what terminology to use instead
- It was determined that “Normal” as referring to healthy volunteers or those with risk factors who did not have coronary artery disease (CAD) at the time of the study, was too vague
- Patient data to be pooled together and referred to as “low-risk / asymptomatic with no known or suspected CAD”
- The study audience must be considered for the focus, e.g., clinical practice vs. clinical trials
- Data categories discussed included myocardial blood flow (MBF) at rest, at stress, and myocardial flow reserve (MFR)
- Next step will be a multi-variable analysis
- Dr. Mozley mentioned that patient diet can also be a variable and suggested including a recommendation for a high-protein, no-fat diet prior to testing
- Dr. Mozley asked the BC leadership to provide estimated dates for major milestones, e.g., completing the checklist, release of the Profile for public comment, etc. to report back to the NM CC

Action items:

- Dr. deKemp to look for methodology papers to support the cross-sectional claim (based on bias and precision)
- Dr. Moody to add a new categorical PET scanner variable with 3 or more levels to integrate the information in the current “Publication Year” and “PET dim crystal” variables.
- Dr. Moody to attempt to extract per-subject RPP-corrected MFR data from test-retest publications.

Next Call: August 9, 2021, at 9 am CT (2nd and 4th Mondays) at 9 am CT
(Dr. deKemp will be on vacation but asked that the call be scheduled)

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Process Committee

- Profile Editors are encouraged to join the QIBA Process Committee to learn about QIBA writing tips and processes and network with other Profile Editors to exchange best practices
- **QIBA Process Committee Leaders:** [Kevin O'Donnell, MASc](#) (Chair) | [Michael Boss, PhD](#) (Co-Chair)
- **Wiki Resources:** [Dashboard](#) | [Profiles](#) | [QIBA Profile template](#) | [How to Write a QIBA Profile](#) | [Claim Guidance](#)
- **Inventory of QIBA tools:** [QIBA LinkedIn page](#) (please join / follow) | [QIBA News](#) | [QIBA Community](#)
- **Other:** [QIBA Webpage](#) | [QIBA Wiki](#) | [QIBA Biomarker Committees](#) | [QIBA Organization Chart](#) | [Dropbox](#)
- **EndNote:** To obtain access to the RSNA EndNote citations, please email: sstanfa@rsna.org.