QIBA PET Myocardial Blood Flow (MBF) Biomarker Committee (BC)
Monday, August 30, 2021, at 9 am CT
Call Summary

In attendance	RSNA Staff
Robert deKemp, PhD (Co-Chair)	Joe Koudelik
Marcelo Di Carli, MD (Co-Chair)	Julie Lisiecki
Jonathan B. Moody, PhD (Co-Chair)	
P. David Mozley, MD	
Nancy Obuchowski, PhD	

Moderator: Dr. deKemp

QIBA BC Dashboard Overview
- Introduction to the dashboard; all BC leaders have access and permission to update; updates are most useful prior to QIBA Steering Committee meetings, QIBA Executive Committee meetings, and quarterly Coordinating Committee meetings
- Dr. deKemp agreed to add in some key dates/updates
- The dashboard can help track progress and milestones and maintain volunteer motivation

Discussion
- Dr. Obuchowski provided an overview of the new per-subject meta-analysis
- Claims will continue to be modified and refined over time, even after public comment
- Dr. deKemp mentioned that performance targets were different depending on the age of a scanner model and sources of variability; the team is trying to capture what users can control
- Dr. Di Carli suggested that there is a possible collinearity with the injection technique
- Certain criteria, e.g., stressor, kinetic model, PET/CT used, etc., were correlated with the publication year for each study
- Team needs to decide which predictors to include in a multiple variable study
- Items highlighted in green were deemed feasible in terms of inclusion, as they contained data that intersected with predictors
- Collapsing PET/CT, PET dim crystal, and publication year was suggested, as the technology has changed
- The initial model was limited to variables for which complete data are available
- Age and hypertension as markers of risk were correlated
  - These cannot be teased apart, as some people who are young may have hypertension and some who are older may not have hypertension and vice versa
  - The data in this case is population-dependent

Action items:
- Dr. deKemp to look for methodology papers to support the cross-sectional claim (based on bias and precision)
- Dr. Obuchowski to update the per-subject meta-analysis with new "pet.scanner.2" variable with 3 levels.

Next Call: September 13, 2021, at 9 am CT (2nd and 4th Mondays) at 9 am CT

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.