QIBA Proton Density Fat Fraction Biomarker Committee (BC) Update Call
Thursday, November 3, 2016 at 3 PM (CT)
Call Summary

Participants
Scott Reeder, MD, PhD (Co-chair) Harry Hu, PhD Chelsea Ranger, PA, M.HSc. Joe Koudelik
Claude Sirlin, MD (Co-chair) Edward Jackson, PhD Suraj Serai, PhD Susan Weinmann
Mustafa Bashir, MD Michael Middleton, MD Takeshi Yokoo, MD
Thomas Chenevert, PhD Nancy Obuchowski, PhD

RSNA

Review of Previous Call Summary
- The 10.06.2016 call summary was approved as presented

Introduction of New Member
- Ms. Ranger, Chief Business Development Officer at Advanced MR Analytics (AMRA), introduced herself and provided a brief overview
  - AMRA is: “An international medical technology company, first in the world to transform MR images into perceived body composition measurements using a cloud-based, computer-aided service.” http://www.amra.se/index.php/about-us/who-we-are

- Dr Reeder provided an overview of QIBA PDFF activities
  - Solid data on bias and reproducibility has been compiled
  - The plan is to develop longitudinal or cross-sectional Claims within the QIBA framework
  - Dr. Yokoo has constructed a meta-analysis investigating bias and reproducibility with statistician, Dr. Obuchowski

RSNA 2016 Annual Meeting Poster
- The poster has been completed and submitted to RSNA staff for printing
- Poster will be on display at the QIBA kiosk in the Learning Center, Hall D in McCormick Place Sunday - Friday

Profile Update
- PDFF BC materials are in Dropbox/QIBA PDFF Task Force; new accounts may be obtained by emailing Dr. Reeder: sreeder@uwhealth.org
- The focus of the group’s efforts will now be shifted to Claim development
  - There was discussion on whether there are any gaps in the literature where research or groundwork projects would be needed
    - Setting a threshold
    - MR Spectroscopy to assess bias
    - Validation of PDFF via biopsy
    - Dr. Reeder is writing a paper regarding in vivo triglyceride content
- An additional literature search will be conducted in January to collect any new data for the completion of the meta-analysis
- Dr. Middleton to look into and present ideas for possible groundwork studies at the next PDFF BC meeting
- The Claim can be finalized when the meta-analysis has been completed
  - Numbers have already been obtained and a placeholder Claim has been developed and may be adjusted later if necessary
  - Further discussion on Claims at the in-person November 30 QIBA Working Meeting breakout sessions during the RSNA Annual Meeting
  - Dr. Yokoo to prepare a brief presentation on meta-analysis results and assign Profile-writing tasks

- It was agreed that because PDFF BC members will convene at the RSNA Annual meeting, a December call is not necessary

**Next call: Thursday, January 5, 2017 at 3 PM CT**