

QIBA Proton Density Fat Fraction Biomarker Committee (BC) Update Call

Thursday, August 4, 2016 at 3 PM (CDT)

Call Summary

Participants

Scott Reeder, MD, PhD (Co-chair)

Mustafa Bashir, MD

Thomas Chenevert, PhD

Gavin Hamilton, PhD

Harry Hu, PhD

Sonja Kinner, MD

Michael Middleton, MD

Nancy Obuchowski, PhD

Takeshi Yokoo, MD

RSNA

Julie Lisiecki

Susan Weinmann

Review of Previous Call Summary

- The 06.02.2016 call summary was approved as presented

Literature Review

- Discussion on measurements of PDFF
- Dr. Kinner compiled list of literature, summarizing technical findings
- All articles related to PDFF that were obtained during literature search are being reviewed
- Most of the PDFF studies have been completed by members of the QIBA PDFF BC; raw data sets to be provided to Dr. Yokoo for analysis
- Dr. Yokoo to complete reference list
- Dr. Reeder suggested submitting an ISMRM abstract on meta-analysis (deadline is Nov. 29)
 - There will be opportunities on 2 – 3 more PDFF BC calls to discuss progress
 - Technical Claims:
 - Accuracy (bias) / precision (cross-sectional)
 - Repeatability (longitudinal)
- Dr. Obuchowski to send metrology paper on Claims to Dr. Yokoo; Dr. Yokoo to follow Claim guidelines after completion of meta-analysis
- Dr. Serai to be added to the PDFF BC roster
- Dr. Yokoo encouraged volunteers to assist with reviewing articles

PDFF Profile Activities

- PDFF BC materials are in [Dropbox](#); new accounts may be obtained by emailing Dr. Reeder: sreeder@uwhealth.org
- Dr. Middleton to incorporate comments and notify group when updated version is available
- Discussion on Bashir study and meta-analysis
- Dr. Kinner to continue to drive the Profile-writing process

New business

- Next call TBD