

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

Thursday, January 6, 2017 at 3 PM (CT)

Call Summary

Participants

Scott Reeder, MD, PhD (Co-chair)

Claude Sirlin, MD (Co-chair)

Mustafa Bashir, MD

Thomas Chenevert, PhD

Manuela França, MD

Gavin Hamilton, PhD

Diego Hernando, PhD

Harry Hu, PhD

Edward Jackson, PhD

Michael Middleton, MD

Nancy Obuchowski, PhD

Suraj Serai, PhD

Takeshi Yokoo, MD

RSNA

Joe Koudelik

Susan Weinmann

Review of Previous Call Summary

- The 11.03.2016 call summary was approved as presented

PDFF Meta-Analysis Publication Update (Dr. Yokoo)

- Dr. Yokoo provided a brief presentation on meta-analysis results and assigned writing tasks:
 - Dr. Sirlin to coordinate Introduction
 - Dr. Obuchowski to supervise Materials & Methods
 - Dr. Bashir to coordinate Results
 - Dr. Reeder to coordinate Discussion
 - Drs. Yokoo and Serai to include tables and figures
 - Dr. Song to provide References
 - Drs. Middleton, Hamilton, Hu and Hernando to draft Conceptual and Operational definitions of PDFF and Technical Aspects of PDFF
 - Writing tasks to be completed by end of January 2017
- Primary investigators and contributors have been listed in the document
- Target journal will be *Radiology*

Profile Update

- Claims
 - Claim development to utilize preliminary spec/performance numbers as placeholders
 - By the next PDFF BC meeting on Feb. 2, final numbers will have been determined
 - Use MRE Profile Claim as a structure model
 - Patient-centered Claim based on:
 - Repeatability coefficient
 - Linearity
 - Slope of progression line
 - Claim to outline what imaging sites may expect regarding quantitative precision/performance
 - Latest version of MRE technical Claims will be added to Dropbox

- PDFF BC materials are in [Dropbox](#)/QIBA PDFF Task Force; new accounts may be obtained by emailing Dr. Reeder: sreeder@uwhealth.org

Next call: Thursday, February 2, 2017 at 3 PM CT