

QIBA fMRI Biomarker Committee Call Summary
Wednesday, July 13, 2016 at 11 AM CDT
Call Summary

In attendance

Ted DeYoe, PhD (Co-Chair)
Thomas Chenevert, PhD
Cathy Elsinger, PhD
Edward Jackson, PhD

Andrew Kalnin, MD
Feroze Mohamed, PhD
Nancy Obuchowski, PhD
Jay Pillai, MD

David Soltysik, PhD
James Voyvodic, PhD
Yuxiang Zhou, PhD, DABR

RSNA

Joe Koudelik
Susan Weinmann

Moderator: Dr. DeYoe

Review of Previous Call Summary

- The 06.29.2016 call summary was approved as presented

Profile 1.0 draft review (Mohamed, et al.)

- Suggestion to remove information that is unrelated to quantitation and to make Profile more streamlined and focused
- Image processing steps to be included that are crucial to achieving claim
- Recommendation to specify what it means to measure motion, as there are different methods for doing so
- Motion Correction: If the data does not meet the motion QA criterion for motion, may wish to consider using a motion correction algorithm, but this will no longer meet the Profile claim
- Meeting the motion QA criterion 'filters-out' those that either stop, or move on to the next step
- Spatial and Temporal Smoothing details needed
- Goal is to achieve claims; all other information may be included in appendix
- Role of Profile is to focus on conformance as well as technical specifications and requirements for which there is supportive data
- Recommendation to publish separate best practices protocol document (which may contain advanced imaging techniques) as a companion to the Profile
- Drs. DeYoe, Mohammed, Voyvodic and Elsinger to follow up offline to address outstanding issues/gaps

Next calls:

- QIBA fMRI Bias TF call - Tuesday, July 19 at 11am CDT
- QIBA fMRI Biomarker Committee call - Wednesday, July 27 at 11am CDT