QIBA fMRI Biomarker Committee (BC) Call
Wednesday, April 4, 2018 at 11 AM CT
Call Summary

In attendance
Feroze Mohamed, PhD (Co-chair)         Ted DeYoe, PhD          James Reuss, PhD
Jay Pillai, MD (Co-chair)               Andrew Kalnin, MD       Yunhong Shu, PhD
David Soltysik, PhD (Co-chair)          Nancy Obuchowski, PhD   

RSNA
Susan Stanfa

Review of Previous Call Summary
• The 03.21.18 call summary was approved as presented

QIBA Checklist: “fMRI Center of Mass Estimation for Pre-surgical Assessment (fMRI-CMA)”
• The acquisition hardware checklist was reviewed
• Reviewed Profile Claim
  o Discussion on statistical assumptions that underlie the fMRI Motor-Mapping Profile Claims
  o Dr. Soltysik presented simulated data to better understand precision-testing
  o Dr. Soltysik plans to create DROs with noise to test Claim performance

• Drs. Soltysik and Voyvodic’s validation checklists to be merged and any redundancies removed
• For the checklist, all Profile users need to be able to:
  o Download a set of DROs
  o Determine the center of mass of activation for each DRO
  o Calculate the within-subject standard deviation across subjects
  o Determine if the value meets the Profile Claim

• In efforts to avoid having two different validation procedures in the same document, Drs. Soltysik and Voyvodic to discuss which DROs should be used during the April 10 fMRI Bias TF t-con

Next calls:
• QIBA fMRI Bias TF call – Tuesday, April 10, 2018 at 1 PM CT
• QIBA fMRI Biomarker Committee call – Wednesday, April 18, 2018 at 11am CT

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