QIBA Multi-parametric Metrology TF Call
7 October 2020 at 10 AM CT
Call Summary
Notes provided by Dr. Delfino

In attendance   **RSNA**
Nancy Obuchowski, PhD (Chair)   Alexander Guimaraes, MD, PhD   Daniel Sullivan, MD   Julie Lisiecki
Andrew Buckler, MS   Charles Hatt, PhD   Ying Tang, PhD
Jana Delfino, PhD   Bernice Hoppel, PhD   Xiaofeng Wang, PhD
Nandita deSouza, MD   Erich Huang, PhD

Moderator: Dr. Delfino

Approval of Call Summary
- The notes from September 14, 2020 were approved as presented

Use Case #2, Phenotype classification: (Dr. Delfino) – Topics discussed included:
1) QIBA efforts and profile claim activities will remain focused on the technical/analytical validation of the measurement assay
2) The clinically established phenotype will be used as the benchmark against which to compare the performance of the imaging-based phenotype classification task
3) QIBA Profile Claims for phenotype classification may include:
    a. Agreement of the imaging-based classification to the established clinical phenotype
    b. Reproducibility of the image-based phenotype classification task
    c. Interchangeability

Action item:
- Mr. Buckler will lead the next Use Case #2 call by walking the group through a cardiac example

Next call: Lung Density Discussion on Monday, Oct 19th at 2 pm CT

Call Schedule: schedule has been adjusted as of 10/7 – Presenters: please review.

Date:	Topic:	Lead:
Monday, Oct 19 (2 pm CT)	Lung Density Discussion	Dr. Obuchowski
Wednesday, Nov 4 (10 am CT)	Use case 1: Multi-dimensional descriptor	Dr. Raunig
Monday, Nov 16 (2 pm CT)	Use case 4: Radiomics	Dr. Wang
Wednesday, Dec 9 (10 am CT)	Use case 2: Phenotype classification	Dr. Delfino
Monday, Dec 21 (2 pm CT)	Use case 3: Risk prediction	Dr. Huang
Monday, Jan 4 (2 pm CT)	Use case 4: Radiomics	Dr. Wang
Wednesday, Jan 20 (10 am CT)	Use case 1: Multi-dimensional descriptor	Dr. Raunig

Use cases:
- **Use case 1**: (Multi-dimensional descriptor) a panel to determine how to care for a patient
- **Use case 2**: (Phenotype classification) rule or decision tool to diagnose phenotype
- **Use case 3**: (Risk prediction) several biomarkers will be evaluated to create a prediction or risk score
- **Use case 4**: (Radiomics) may not have a specific biomarker for reference