QIBA FDG-PET/CT SUV Subcommittee Update
Wednesday, September 30, 2009
2:00pm CDT
Call Summary

In attendance:

David A. Clunie, MBBS

Paul E. Kinahan, PhD

Simon DeBruin, MSEE

RSNA

Susan Anderson, MLS

Joe Koudelik

Agenda:
- DRO progress
- Posters
- General SUV subcommittee progress

General
- Mr DeBruin was invited to join by Dr Turkington

DRO progress
- Dr Clunie has run DRO through validator although it doesn't need validator to be useful
- Dr Clunie has several validators for use with CT and PET
  - Used MATLAB DICOM script generator, GE tools and assistance from Dr Pearson, a mathematician
- Color palette issue identified
- Suggestions for PET images:
  - Use 16 bit and monoprocessor
  - Remove private tags for use in headers, e.g. specific to GE, Philips, etc
- Dr Clunie can produce DRO pseudo code and forward to Dr Kinahan
- Dr Kinahan will create CT stack/image using different spacing, 16 bit and no private tags; will send to Dr Nelson and other interested parties
- DRO could be used for ROI analysis; would provide known truth
- Segami Corporation can also create synthesized data per Mr DeBruin

Posters for RSNA 2009
- Maximum of 2 posters for FDG-PET/CT technical Committee as a whole
- RSNA can reimburse up to $100 for poster production
- Possible poster content:
  - Survey data in tabular form although concern it may not be useful info
  - How to calculate an SUV

Next steps:
- Poll for times for Nov 5 call; can be up to 4pm ET for Dr Clunie
- Discuss and finalize poster content and production
- Send wiki and website info to Mr DeBruin