QIBA COPD/Asthma Technical Committee Update  
October 19, 2011 at 2 PM CDT  
Draft Call Summary

In attendance
Philip F. Judy, PhD (Co-chair)  
Sean Fain, PhD  
Joe Koudelik  
RSNA  
Paul L. Carson, PhD  
Zachary Levine, PhD  
Julie Lisiecki  
Heather Chen-Mayer, PhD  
Daniel C. Sullivan, MD  
Harvey O. Coxson, PhD

Discussion of Airways Studies:
• Dr. Fain discussed data from “Eclipse,” that addresses repeatability for airway measurements over time
• Dr. Chen-Mayer has analyzed some of the data on airway measurements that are one week apart
  o Various features add variability – no definitive answer on repeatability for airway wall thickness measures
• Will need additional studies
  o Dr. Fain will send some measures to GE 750 group for feedback on his proposed study.
  o Dr. Judy has reserved a section on the poster for “Quantitative CT for Airway Morphology Assessment”
  o Dr. Judy provided a summary on the poster for airway morphology
    ▪ Dr. Lynch to provide a summary for the poster on clinical utility of airway morphology

Poster at RSNA 2011:
• Dr. Judy to follow up with Drs. Fain and Chen-Mayer for additional poster content
• Dr. Judy to circulate revised poster before next call
  o to include vendors and the dose-reduction project at BWH with Toshiba
  o to demonstrate how COPD-Asthma group efforts are aligned with projects from BWH, Iowa, and WI
  o Group to keep in mind the appeal of the poster to radiologists and how topics may be helpful to them

• Volunteers will be needed for Meet-the-Expert (MTE) sessions.
  o RSNA staff has distributed a Doodle poll to the group: please respond with availability.  
    http://www.doodle.com/cwkddgpr2nd24fm3

Next steps:
Poster:
• Dr. Lynch to provide verbiage on the value of Quantitative CT as well as a draft claim; summary of clinical utility of air morphology
• Dr. Fain to provide information from the airways Claim draft Profile segment
• Dr. Chen-Mayer to provide information on improved materials for the phantom test objects
• Mr. Sieren to provide measurements that show changes in metrics related to density of the air and the foams

Next calls:
• Next COPD/Asthma LDCRS WG update call: Wednesday, October 26, 2011 at 2 PM CDT
• Next COPD/Asthma TC update call: Wednesday, November 2, 2011 at 2 PM CDT **
  ** (discussion to be led by Mr. Avila – OIA requirements)