

**QIBA Volumetric CT Group 3A Update**  
Friday, March 23, 2012; 11 AM CT  
Call Summary

**In attendance**

***Maria Athelougou, PhD (Chair)***

Andrew J. Buckler, MS

Paul Carson, PhD

Alden Dima, MS

Steve Federici, BS, RT (R) CT ARRT

Hyun Grace Kim, PhD

John Lu, PhD

Guillame Orioux, MSC

Estanislao Oubel, PhD

Nicholas Petrick, PhD

David Raunig, PhD

Ganesh Saiprasad, PhD

Ying Tang, PhD

Luduan Zhang, PhD

**RSNA**

Julie Lisiecki

**1. Discussion of Statistical Analysis**

- Per the Power Study, 110 cases have been deemed ideal for the PIVOTAL Study
- Currently there are 408 lesions/ 40 cases; an additional 70 cases are available from QI-Bench
- Per the analysis, 110 lesions are valued more than 10 “cases”

**2. Presentation discussed for the report to the CT Volumetry Committee on 3/26**

- Suggested use of radar plots for better audience comprehension of complex data
- Recommended discussion in simpler terms – at a higher level of abstraction
- More detail and more granularity may be interesting to the committee
- The group also discussed the pros and cons of various metrics for better visualization of results
- Items to consider included:
  - Biological significance
  - The claim language
  - Mean bias
  - Variability
  - Absolute percent

**Next steps:**

- Group to send their presentation materials for distribution to RSNA no later than Friday afternoon for review by the CT Volumetry Committee prior to Monday’s report

**Next call:**

- ***Thursday, April 5, 2012 at 11:30 AM Central (Daylight) Time***