

**QIBA Volumetric CT Group 3A Update**  
Thursday, 10 July 2014 at 11:30 AM CT  
Call Summary

**In attendance**

*Maria Athelougou, PhD (Chair)*  
Hubert Beaumont, PhD  
Andrew Buckler, MS

Marios Gavrielides, PhD  
Lubomir Hadjiiski, PhD  
Nancy Obuchowski, PhD

Adele Peskin, PhD  
Nicholas Petrick, PhD  
Ying Tang, PhD

**RSNA**

Julie Lisiecki  
Madeleine McCoy

**Update: Paper for the Clinical Challenge**

- Drs. Peskin and Gavrielides to review the draft paper and begin the process for FDA and NIST review.
- Group 3A participants have been asked to provide feedback. Comments welcome to Mr. Buckler: [andrew.buckler@elucidbio.com](mailto:andrew.buckler@elucidbio.com).

**Discussion: Suggestions for future work of Group 3A**

- Various possibilities were discussed for a follow up challenge, building on the knowledge from previous studies.
- Options discussed for the next challenge included (*Dr. Petrick*):
  - 1) Use of CT data from the Columbia liver phantom (likely available in the fall)
  - 2) Use of synthetic CT data from NIST (available immediately)
  - 3) Use of synthetic CT lung data from Duke/FDA (likely not available until next year)
  - 4) Combination of phantom/synthetic data
- The group is still considering these options and is open to ideas.
- Suggestions welcome to Dr. Athelougou: [Mathelougou@definiens.com](mailto:Mathelougou@definiens.com).

**Action items:**

- Sometime after September 2014, Dr. Athelougou will invite a MICCAI representative to give a presentation about comparison of challenge methodologies for statistical evaluation of algorithm results.
  - Practical suggestions for the future work of Group 3A to be sent to  
Dr. Athelougou: [Mathelougou@definiens.com](mailto:Mathelougou@definiens.com).
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**Next call:** Thursday, **July 24, 2014** at 11:30 AM CT.