

**QIBA vCT Technical Committee Weekly Update**  
**Monday, July 27, 2009**  
**11 am CDT**

**Call Summary**

**In attendance**

Andrew Buckler (Co-Chair)  
P. David Mozley, MD (Co-Chair)  
Maria Athelougou, MD  
Kristin Borradaile, MS  
Patricia Cole, PhD, MD  
Charles Fenimore, PhD  
David Gustafson, PhD  
Philip F. Judy, PhD  
James Mulshine, MD  
Nick Petrick, PhD

Anthony P. Reeves, PhD  
Matthias Thorn, PhD  
Brenda Ye, MD  
Hiro Yoshida, PhD  
Binsheng Zhao, PhD

**RSNA staff**

Susan Anderson  
Joe Koudelik

**Agenda (Mr Buckler)**

Mr Buckler expressed thanks to members who chaired calls during his absence and reviewed Agenda:

1. Review of Next Steps and activities over last 4 meetings
2. Revisit 3-part charter on committee goals

**IASLC meeting, San Francisco (Dr Mulshine)**

- QIBA participants at meeting will meet Aug 3 to prepare for Aug 4 Board discussion; group will identify desired outcomes, possible contributions of IASLC and elements of most productive collaboration strategies
- Mr Buckler will prepare short slide set for introduction at Aug 4 meeting with Board

**Review of June 29 WebEx re: Profile**

- Joe Koudelik to insure that Kevin O'Donnell slides THOUGHTS ON THE QIBA PROCESS: PROFILES, UPICT & MEASUREMENTS posted to wiki at same level as Profiling process
- Discussion on whether Template and Profile should be reconciled.
  - There is redundancy but Mr O'Donnell has identified essential information for inclusion
  - Mr O'Donnell is continuing discussion with Dr Dorfman (UPICT) on template revisions
  - Format of the FDG-PET draft profile template will also be compared for consistency

**Report from Software ad hoc group (Dr Petrick)**

- Following July 7 meeting, Siemens and Definiens have sent useful comments
- Dr Schwartz will share comments with larger group and encourages submission of comments from other vendors
- Decision that material will be inserted under Details ('how to accomplish')

**Roadmap/Charter (September 2008) and progress**

- Content was codified into Project and Program proposals to NIBIB

- Need to review and update roadmap
- Have we moved beyond roadmap?
- Subgroup leaders to review and update roadmap

#### Roadmap/charter elements:

##### 1. Creators of roadmap for validating volume measurements

- Have started two new subgroups
- Group has one profile and one preferred protocol
- Spiral development continuing

##### 2. Stewards of objects and image sets for developing tools

- Consider establishing section on Data Sets, linking to public data sets, and inviting others to post links to individual or aggregated data sets, e.g.
  - Dr Petrick's team data – Dr Petrick to post a subset of project 1A images
  - MSKCC data with synopsis of Dr Schwartz analysis
  - Original cases from Dr Fenimore (RIDER data)
    - 8 sets of images, would be helpful to have many people use the data to assess how well the software is performing
  - VOLCANO data (Dr Reeves)
    - 50 cases, 0 change, smaller lesion with smaller variation than MSK data
    - Data to be Wiki posted after publishing
- For discussion: Issues with image sets and warehousing, e.g. maintenance issues (links, etc.)

##### 3. Archivists of performance metrics by existing tools

- For discussion

#### RSNA 2009 planning

- Decision for three posters
  - Poster:
    - 1 poster on Profile with general information about group
    - 1 poster on Groups 1A, B and C, general info on what study design and data will look like
    - 1 poster on Future directions, e.g. Group 2
- Meet the Expert sessions: (5 days, 1/2 hour each day)
  - Volunteers needed
- Committee to consider topics for Technical Committee updates at QI IB Informational meeting, Monday, Nov 30

#### Next steps:

- RSNA staff to insure that Kevin O'Donnell slides *THOUGHTS ON THE QIBA PROCESS: PROFILES, UPICT & MEASUREMENTS* posted to wiki at same level as Profiling process (Completed)
- Post instructions for download of NBIA data on wiki (Completed)
- RSNA staff will send Dr Mozley's Roadmap document to TC co-chairs, chairs of subcommittees with copy to Dr reeves with request for updating (Completed)
- Dr Fenimore to forward RSNA staff NBIA website address for MSK Coffee Break experiment data
  - RSNA staff to post link and instructions on Wiki (Completed)
    - [http://qibawiki.rsna.org/index.php?title=Volumetric\\_CT](http://qibawiki.rsna.org/index.php?title=Volumetric_CT)

- Committee to consider topics for Technical Committee updates at QI IB Informational meeting, Monday, Nov 30 at RSNA 2009
- Consider MTExpert sessions at RSNA 2009—need staffing and decision on scripted presentations, e.g. Mr Buckler on process overview and profiles, Dr Mozley on pharma efforts
  - Drs Petrick and Zhao have volunteered time
- Dr Mulshine will communicate with group attending IASLC meeting, San Francisco
- Team will work toward harmonization/consistency of draft Profile templates (e.g. FDG-PET, VolICT, UPICT)