

QIBA vCT Technical Committee Weekly Update
Monday, August 17, 2009
11 am CDT

Call Summary

In attendance

Andrew Buckler (Co-Chair)
P. David Mozley, MD (Co-Chair)
Lawrence Schwartz, MD (Co-Chair)
Kristin Borradaile, MS
David Clunie, MBBS
Charles Fenimore, PhD
David Gustafson, PhD
Michael McNitt-Gray, PhD
James Mulshine, MD
Kevin O'Donnell

Nicholas Petrick, PhD
Anthony Reeves, PhD
Yuanxin Rong, MD, MPH
Daniel Sullivan, MD
Binsheng Zhao, DSc

RSNA staff

Susan Anderson, MLS
Joe Koudelik

Agenda (Mr Buckler)

- Dr Schwartz update on software activities including text for Claims
- Update on UPICT template (<http://upictwiki.ctsa-imaging.org/>)

Software group (Dr Schwartz)

- Claims document was circulated in group
- Received comments from 1-2 industry reps
- Dr Schwartz will incorporate comments and post to Wiki and will discuss with Mr O'Donnell off-line

Discussion of UPICT template (Mr O'Donnell)

- Drs Mozley, Dorfman and Mr O'Donnell and Buckler drafted new version of UPICT template
 - Aligned with QIBA profile (particularly sections on image analysis and image interpretation) and arranged in temporal order
- QIBA protocol will follow UPICT template; Mr O'Donnell could assist with reformatting QIBA document when UPCT template is finalized
- Goal of UPICT is to have
 - Standard template
 - Library of protocols
 - Validation/verification/review process for proffered-to-consensus protocols
- Review of UPICT protocol (to be posted on UPICT wiki <http://upictwiki.ctsa-imaging.org/>)
 - Quality is mentioned throughout document but discussed fully in Appendix
 - QIBA has spent a majority of time in *Section 7, Imaging Procedure*
 - Sections 8,9,10 correspond to software level
 - *Section 8, Image Post-Processing*
 - *Section 9, Image Analysis*
 - *Section 10, Image Interpretation*
 - Drs Schwartz and Zhao information can be entered in Sections 9-10
 - Document should reflect needs of different users (e.g. trailists, sites)

- Discussion on whether to target MSQA structures e.g. certification of sites as clinical trial site if site meets minimum requirements
 - Difficult to do, requires detailed work and follow-up
 - Suggestion that existing clinical trials groups (e.g. ACRIN, SNM Clinical Trials Network, other NCI/NIH cooperative groups) could incorporate this
 - Agreement to discuss further while leaving placeholders for QC and credentialing
- Discussion of *Section 7.2.4 Model Specific Parameters*
 - Vendors create parameter table which becomes statement of compliance
 - If vendors supply info for table, may enhance vendor engagement and incentivization
 - All stakeholders encouraged to provide model specific parameters
 - Dr McNitt-Gray to provide information from ACRIN 6678 Pet-CT trial which may be applicable

VolCT/QIBA wiki

Mr Buckler suggested Roman numerals for sections:

- I. Clinical context
- II. Claims
- III. Profile detail/protocol (with UPICT content or link to UPICT wiki)
- IV. Compliance section

Next steps:

- Joe Koudelik to restructure Wiki to show the I, II, III, IV outline
- Mr O'Donnell and Drs McNitt-Gray and Dorfman to coordinate transfer of information from our previous Profile to the more complete template
- Actions as indicated by Dr Schwartz regarding software sections