

QASC report to TPC, Spring meeting, Houston 2012

Art Olch, Chair

Robin Stern, Vice Chair

WGIT summary of activities- Alf Siochi, chair, Jim Mechalakos vice chair:

1. Changes to membership: Robin Stern's term is done, 3 new people have been added (Stephen Terry, Scott Hadley, Jim Mechalakos). We will be adding 2 more next year and 2 more the following to handle the large block of people that all joined when I started my first term. Jim Mechalakos is vice chair and will replace me as chair in 2 years. The plan is to stagger the terms to stabilize the long term membership.
2. Task Group Status:
 - a. TG201 is revising a draft of the full report which we hope will be the one to go to QASC and then to TPC.
Needs extension 4/1/12 to 4/1/2013.
 - b. We are also revising the proposal for the Echart task group to respond to the comments of TPC.
 - c. The task group proposal on data archiving will be reviewed by WGIT and discussed at our meeting at the end of the month.
 - d. Yesterday we had the MDQASC meeting for ASTRO and there was discussion about a white paper on Treatment Management Systems. I had mentioned that there could be overlap with the EChart task group proposal. There was a suggestion to see if it would be possible to coordinate efforts and just have one document. Dan Low said he would bring this up as a possible example or test case for coordination between ASTRO and AAPM TGs. I mentioned that I would bring it up at our meeting today.

Working Group on the Prevention of Errors – update: 3/7/12. E. Ford, Peter Dunscombe vice chair

- 5 members off, added 5 new.
- Taxonomy white-paper update
“Consensus recommendations for incident learning database structures in radiation oncology”
 - The draft paper, under review since July 25th, is now close to final approval. It is now with TPC for a final vote. Eric to f/u with Saiful.
 - ASTRO has reviewed the paper and approved it. SROA is reviewing.
 - I have discussed joint publication in Med Phys and PRO with Bill Hendee and this appears possible.
 - ASTRO is in process of approving national database. Early summer?
- TG100
 - Status update from Saiful pending- Need extension 1 year
 - Some effort towards addressing reviews from Part 1, not as yet for part 2.

- WGPE put in a proposal for a safety-related symposium at AAPM. The proposal was rejected. We note very few such sessions at AAPM. We put in a comment to the meeting organizers requesting a standing “safety track”. Requested standing Safety related symposium at annual AAPM.
- Three projects are now underway within WGPE
 - Online Safety Fitness Test Lead: Peter Dunscombe
 - Develop an online question-based tool to provide a “grade” for the safety profile of a clinic.
 - Checklist consensus report Lead: Luis Fong de los Santos
 - Goal: provide guidelines on how to develop and implement checklists for safety improvement. Example checklists will be included.
 - Proposal to form a task group was rejected by TPC. Now under review on how to proceed. **Part of professional council project?**
 - Safety training modules ... Lead: Jennifer Johnson
 - Online module to provide training on safety improvement concepts and tools. The first module being developed will focus on medical physicist (trainees), but may be expanded in the future.
- Workshop. WGPE had planned to have a workshop roughly in May to finalize the above projects. This will likely be delayed.

WGEBQA Update 3/8/12 Submitted by Joe Hanley, Chair, Sonja Dieterich, vice-chair

needs more members

1. TG135 Update QA for Cyberknife
 - Chair: – Jeff Garrett and Sonja Dieterich
 - Sunset Date: **12/31/2012** needs **extension to 7/1/2013**
 - Update 3-8-12
 - TG 135 Update met at The Radiosurgery Society Meeting in Carlsbad, CA. The content of each subsection was discussed. The first draft is due on June 4 and a review of the report by AAPM in July. Update to cover technologies released since 2008: IRIS collimator, Monte Carlo, XSight Lung.

2. TG147 QA for Non-Radiographic Radiotherapy Localization and Positioning Systems
 - Chair: Joerg Lehmann/Twyla Willoughby
 - Email: LehmannJ@radiological.com
 - Sunset Date: 12/31/2012
 - Update 3-8-12
 - Report has been submitted and approved for Med Phys. We received the galley proofs and they were returned last week. Should be published soon.

3. TG178 Gamma Stereotactic Radiosurgery Dosimetry and Quality Assurance
 - Chair: Steven J. Goetsch
 - Email: SteveGoetsch@sdgkc.com
 - Sunset Date: 12/31/2012

- Update 3-8-12

The Task Group has been conducting a round robin dosimetry measurement series since early last year. Seven of the nine institutions have carried out a full calibration using multiple ion chambers, phantoms and methods. Round Robin should be complete by early April. TG 178 should have a draft report ready to be reviewed by late in 2012. The next meeting of the Task Group will be July 28 in Charlotte .

Round Robin progress so far:

1. University of Pittsburgh Medical Center
Back to UW ADCL
 2. M.D. Anderson
 3. Washington University
Back to UW ADCL
 4. Washington Hospital, Fremont, CA
 5. UC San Francisco Medical Center
 6. San Diego Gamma Knife Center
Back to UW ADCL
 7. Wake Forest
 8. Tufts New England Medical Center
Back to UW ADCL
 9. Cleveland Clinic
4. TG198 An implementation guide for TG-142: QA of medical linear accelerators
 - Chair: Joe Hanley
 - Email: jhanley@prapa.com
 - Sunset Date: 12/31/2012
 - Update 3-8-12
 - i. Writing assignments finalized
 - ii. Format of report and all sections finalized and writing has begun
 - iii. Writing in progress
 - iv. Next Conference Call end of March
 5. TG210 - Conventional LINAC Acceptance Testing
 - Chair: Chihray Liu, John Bayouth
 - Email: liucr@ufl.edu
 - Sunset Date: 12/31/2012
 - Update 3-8-12

- i. Tasks have been divided among TG members.
- ii. Writing in progress

6. TG218 - Tolerance Levels and Methodologies for IMRT Verification QA

- Chair: Moyed Miften
- Email: Moyed.Miften@ucdenver.edu
- Sunset Date: 12/31/2013
- Update 3-8-12
- A detailed outline for the TG218 report was drafted by the members and was discussed in a conference call in October 2011. Writers and a lead-writer were assigned for each section. The members agreed to complete the writing assignments for a first tentative draft by April 1. Two junior members with experience in IMRT QA were invited to join the group to allow for more participation by young AAPM members in the work of the group. A proposal for an educational course based on the work of TG218 was submitted to the AAPM 2012 annual meeting and was accepted for one hour course. Dan Low, Art Olch, and Moyed Miften will be presenting at this course.

WGCT – **Andrea Molineu is chair and Charles Able is vice-chair.**

TG113 – Jean is revising the report. She will contact a few people (Andrea and Art) to review items which deserve extra review before the revised report goes out to the full group.

Sunset date ?

Ask Jean about getting review response done. QASC review completed and sent to Jean 11/4/2011.

We had a proposal for a session at AAPM on Accreditation vs. Credentialing. We believe it was not accepted. I'll try to get more information so we can propose it at a future meeting (AAPM, ASTRO, or AAPM spring meeting).

At RTOG the topic of VMAT came up at the Medical Physics Committee, Ping Xia has volunteered to do some additional testing for the WGCT and Medical Physics Committee. Jean will pass the additional information to Andrea.

Some additional testing is needed for the project with Ying Xiao and Coen Hurkmans on self-testing of Treatment Planning Systems.

The members of the QA centers continue to work together with respect to RT QA for clinical trials. There were additional meetings on this topic at RTOG in January.

Art mentioned that Eric Klein had resigned membership in QASC and wanted to replace him. Nominees should be sent to Art with brief explanation as to why you think they would be good for QASC.

No new business.

Action items

Art:

Extension of sunset dates:

1. TG 201 to 4/1/2013
2. TG 135 to 7/1/2013
3. Does TG 113 need extension? They have reviewable draft presented to SC.

Proposal to TPC: Can MedPhys accept the reviews from TPC rather than new review. Editorial review only.