**AAPM Therapy Imaging Subcommittee Report to TPC**

**April 17, 2012**

**Chairs and Liaisons**

Therapy Imaging Subcommittee (TISC): Deb Brinkmann, chair Geoff Hugo, vice chair

Imaging for Treatment Planning working group (WGITP), Kristy Brock

Imaging for Treatment Verification working group (WGITV), Lei Dong

Imaging for Treatment Assessment working group (WGITA), Robert Jeraj

Molecular Imaging in Radiation Oncology working group (WGMIR), Mike Munley

Liaison from Therapy Emerging Technology Assessment working group (TETAWG), Gig Mageras

**Active TG dashboard**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Task Group** | **Parent WG/SC** | **Name of TG chair** | **Date TG approved** | **Sunset date** | **Status of the TG** | **Action Item** |
| **TG132**  **Image registration** | **WGITP/ TISC** | **K. Brock** | **3/9/06** | **12/31/12** | **TG chair changed – anticipate first draft will be ready for WG review by AAPM12** | **--** |
| **TG180**  **Including IGRT dose in RTP** | **WGITP/ TISC** | **G. Ding** | **8/28/08** | **12/31/13** | **Status of draft unclear – KB trying to reach TG chair** | **--** |
| **TG199**  **Markers for localization** | **WGITV/ TISC** | **Z. Wang** | **3/15/10** | **12/31/13** | **Anticipate first draft will be ready for WG review by AAPM12** | **--** |
| **TG211**  **PET segmentation** | **WGMIR/TISC** | **A. Kirov** | **10/13/10** | **12/31/12** | **Actively writing – request to add bench-marking to scope to be discussed at 4/30 TISC tcon** | **--** |

**Imaging for Treatment Planning working group (WGITP)**

Kristy Brock working to identify a vice chair for WGITP.

**Imaging for Treatment Verification working group (WGITV)**

TG179 – accepted and published in April issue of MedPhys.

TG proposal on IGRT uncertainties (L. Court) has been revised and WG is voting on approval.

**Imaging for Treatment Assessment working group (WGITA)**

ITART – Robert Jeraj to update TISC at 4/30 tcon as to latest plans.

**Imaging for Molecular Imaging in Radiation Oncology (WGMIR)**

Molecular imaging white paper – needs to have 1 figure redone and all references reformatted, Mike Munley anticipates will be able to submit revised version to MedPhys soon.

TG211 request for two-part report discussed at Nov11 TISC tcon: Per tcon discussion, TISC felt proposed modifications concerning benchmark did not fit within the guidelines of a TG report, thus, request for a two-part report was declined. TISC recommended that benchmark work that falls beyond the scope of the original proposal be continued as an independent collaborative group and submitted for peer-review as a separate original report. TG chair has asked to participate in 4/30 TISC tcon to revisit adding benchmarking to the scope.