

GHG teleconference Agenda: Proton Trial QA – Proton Plan Assessment Subgroup

Thursday, January 31st, 2019, 2100-2200 GMT

Attendees: Jonny Lee (co-chair), Paige Taylor (co-chair), Marianne Aznar, Walter Bosch, Catharine Clark, Joerg Lehmann, Jessica Lye, Antonio Carlino (guest), Markus Stock (guest)

Apologies: Enrico Clementel, Coreen Corning, Elizabeth Miles, Stephen Kry, Ying Xiao, Eduardo Zubizarreta

Discussion:

Approved November meeting minutes.

Markus Stock from MedAustron presented slides from Antonio Carlino on the proton audit that is being developed by their group to test other proton facilities. Currently the audit is being performed in-person by Antonio and takes 3-4 days. Measurements include ion chamber, alanine, and film dosimetry using planar plates and two CIRS phantoms (head & pelvis). The group has a research RayStation Monte Carlo system to do modelling of institutions' plans and correct for alanine dose response in particle beams. The auditee's plan is recreated by MedAustron, but not independently modelled.

Discussed Treatment Planning Working Group conference call from December. Discussion included treatment planning components to pay attention to during plan evaluation. There are plans to share DVH constraints and planning instructions from various trial protocols (starting with ependymoma).

We decided to hold one more teleconference ahead of the face-to-face meeting in April. Tentatively on the agenda: review of clinical treatment plans from UCHL.

Action Items:

- Enrico: set up SharePoint or website account for the group to share files
- Jonny: contact UHCL about presenting clinical treatment plans on the next t-con
- Paige: reach out to Penn & MD Anderson to present patient plans
- Coreen: send out doodle for next teleconference in March