

AbstractID: 14372 Title: Overview of the AAPM TG 101

This section of the session will be a presentation of the AAPM Task Group No. 101 on recommendations for SBRT, which has been charged with (1) review the literature and identify the range of historical experiences, reported clinical findings and expected outcomes, (2) review the relevant commercial products and associated clinical findings for an assessment of system capabilities, technology limitations, and patient related expectations and outcomes, (3) determine required criteria for setting-up and establishing an SBRT facility, including protocols, equipment, resources, and QA procedures, and (4) to develop consistent documentation for prescribing, reporting, and recording SBRT treatment delivery.

Learning Objectives:

1. Present the recommended guidelines on establishing an SBRT clinic as presented in the current version of the AAPM Task Group No. 101.
2. Present the technical issues for clinical implementation of SBRT equipment, space considerations, time and personnel considerations.
3. Review the commercial products commonly employed for SBRT with regard to image guidance, localization devices, patient alignment and verification systems.
4. Review the overall quality assurance procedures for systems and patient specific parameters for SBRT deliveries.