RTOG SBRT Dry Run Guidelines

GENERAL

The SBRT "Dry Run" test for this study is required to be performed for the first patient that an institution plans to put on study. Successful completion of a Phantom Dosimetry Test, facility questionnaire and an Immobilization/Localization and Respiration Control Systems Test are required before the Dry Run test case is to be attempted.

- The Dry Run test will be reviewed in the same manner as an actual case.
- The dosimetry will be reviewed and the study chair will determine if this and the drawn structures are protocol compliant and sufficient for the patient to go ahead with treatment.

Since this test case is the first case entered by an institution, the scanning parameters, the structure outline, and the dosimetry must be protocol compliant.

PRESCRIPTION

One of the most important aspects of the Dry Run test is to demonstrate full understanding of the prescription and proper use of this prescription in your Dry Run treatment plan. Please review the protocol for the prescription doses to be used.

DIGITAL DATA

Digital patient treatment planning data must be submitted in digital format to the ITC. This digital data must comply with one of two possible formats:

- RTOG Specification for Tape/Network Format for Exchange of Treatment planning Data, Version 3.20, or later; or
- DICOM 3.0 in compliance with the ITC's DICOM 3.0 Conformance Statement

Contact the ITC if you have any questions about either of these formats or your RTP system's ability to comply with these requirements that are not answered by reviewing the list of exchange implementations on the ITC web site.

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