

Conclusion TG 119 AAPM

Treatment planning and delivery in radiation therapy is never perfect, and so the practical question is “how good is good enough?” This study has not attempted to answer that question in a rigorous way, but instead has studied the question “what is a reasonable and achievable standard for IMRT commissioning?” To provide a basis for that judgment, a group of institutions that have passed the RPC IMRT credentialing used a suite of standardized test cases to determine the degree of agreement achievable with their planning and delivery systems. These results, summarized at the bottom of tables 7, 9, 11, and 13, can be used as a practical baseline for comparison by other facilities as they evaluate their own IMRT commissioning.

Facilities interested in using this test suite can download the DICOM-RT images and structure sets from <http://www.aapm.org/pubs/tg119/default.asp>