

COG PROTOCOL ACNS0331

A Study Evaluating Limited Target Volume Boost Irradiation and Reduced Dose Craniospinal Radiotherapy (18.00 Gy) and Chemotherapy in Children with Newly Diagnosed Standard Risk Medulloblastoma: A Phase III Double Randomized Trial

Instructions and data required for the submission of digital treatment planning information on this protocol are provided below. Institutions submitting digital treatment planning data must also submit hardcopy of isodose distributions in three orthogonal planes, showing target volumes as well. Institutions must notify QARC by email at ATCDICOMRT@QARC.org that data have been submitted. The email message should state your institution and include the protocol, the patient's case number, initials, and a list of the data that have been submitted.

- Digital Data to be submitted
 - Volumetric planning CT
 - Structure contours delineating target volumes and critical structures
 - Plans and 3-D Dose distributions for the initial fields, boost fields, and total dose plan in absolute dose.
 - Dose-volume histograms for the total dose plan in absolute dose for the GTV, CTV, and PTV of each volume treated and for the following organs at risk see protocol Sections 18.3.3 and 18.8.4):
 - Supratentorial brain (left and right)
 - Cochlea (left and right)
 - Hypothalamus/pituitary
 - Eyes (left and right)
 - Optic nerves (left and right)
 - Optic chiasm
 - Cervical spinal cord (foramen magnum to top of C2)

- How to Submit Digital Data

This method of submission has been developed with the Advanced Technology Consortium (NIH grant CA81647) using the software and methodology developed by the ITC (Image-guided Therapy Center). Details for the submission of digital data are at [QARC digital data submission](#)

Please see protocol Section 18.9 for the complete list of QA materials to be submitted and the required timelines.

Questions should be addressed to ATCDICOMRT@QARC.org or please call 401-753-7600.