

This poster describes how the data necessary for clinical use was obtained: tables of cax depth dose, isodose plots for treatment cones with square or beveled ends, absolute dose calibration for the largest cone, tables of cone factors (dose at dmax for a cone relative to the largest cone), and graphs of r-squared factors. We then describe how the principal QA issues were resolved: dose rate and energy constancy checks (both parts of warmup and morning checkout on each treatment day), and verification of the commissioning data obtained at the factory test cell after the Mobetron was disassembled, moved to the hospital, and reassembled. Finally, we describe how the radiation safety of persons in the hospital environment is assured, which is based on a radiation survey performed on a weekend when access to the surveyed areas can be controlled, and implemented by a schedule of maximum number of MUs for each energy per hour and per week. (N.A. and P.P. were supported by UCSF. T.C., G.S. and D.A.G. were supported by Intraop Medical, Inc.)