

**4731.4478 TELETHERAPY AND GAMMA STEREOTACTIC COMPUTER SYSTEMS.**

A licensee must perform acceptance testing on the treatment planning system of teletherapy and gamma stereotactic computer systems according to published protocols accepted by nationally recognized bodies. At a minimum, the acceptance testing must include, as applicable, verification of:

- A. the source-specific input parameters required by the dose calculation algorithm;
- B. the accuracy of dose, dwell time, and treatment time calculations at representative points;
- C. the accuracy of isodose plots and graphic displays;
- D. the accuracy of the software used to determine sealed source positions from radiographic images; and
- E. the accuracy of electronic transfer of the treatment delivery parameters to the treatment delivery unit from the treatment planning system.

**Statutory Authority:** *MS s 144.1202; 144.1203*

**History:** *29 SR 755*

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