

3701:1-58-48

**Calibration measurements of brachytherapy sources.**

- (A) Before the first medical use of a brachytherapy source, a licensee shall have:
- (1) Determined the source output or activity using a dosimetry system that meets the requirements of paragraph (A) of rule 3701:1-58-60 of the Administrative Code;
  - (2) Determined source positioning accuracy within applicators; and
  - (3) Used published protocols currently accepted by nationally recognized bodies to meet the requirements of paragraphs (A)(1) and (A)(2) of this rule.
- (B) Instead of a licensee making its own measurements as required in paragraph (A) of this rule, the licensee may use measurements provided by the source manufacturer or by a calibration laboratory accredited by the "American Association of Physicists in Medicine" (AAPM) that are made in accordance with paragraph (A) of this rule.
- (C) A licensee shall mathematically correct the outputs or activities determined in paragraph (A) of this rule for radioactive decay at intervals consistent with one percent radioactive decay.
- (D) A licensee shall retain a record of each calibration in accordance with rule 3701:1-58-89 of the Administrative Code.

Five Year Review (FYR) Dates: 06/12/2015 and 06/01/2020

CERTIFIED ELECTRONICALLY

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Certification

06/12/2015

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Date

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