



Ohio Administrative Code

Rule 3701:1-58-51 Training for use of manual brachytherapy sources.

Effective: August 15, 2021

Except as provided in rule 3701:1-58-21 of the Administrative Code, the licensee shall require an authorized user of a manual brachytherapy source for the uses authorized under rule 3701:1-58-43 of the Administrative Code to be a physician who:

(A) Is certified by a medical specialty board whose certification process has been recognized by the director, the United States nuclear regulatory commission, or an agreement state. The names of board certifications which have been recognized by the director, the United States nuclear regulatory commission, or an agreement state will be posted on the United States nuclear regulatory commission's "Medical Uses Licensee Toolkit" web page at www.nrc.gov. To have its certification process recognized, a specialty board shall require all candidates for certification to:

(1) Successfully complete a minimum of three years of residency training in a radiation oncology program approved by the "Residency Review Committee of the Accreditation Council for Graduate Medical Education" or the "Royal College of Physicians and Surgeons of Canada" or the "Committee on Post-Graduate Training of the American Osteopathic Association"; and

(2) Pass an examination, administered by diplomates of the specialty board, that tests knowledge and competence in radiation safety, radionuclide handling, treatment planning, quality assurance, and clinical use of manual brachytherapy; or

(B) Has achieved the following requirements:

(1) Has completed a structured educational program in basic radionuclide handling techniques applicable to the use of manual brachytherapy sources that includes:

(a) Two hundred hours of classroom and laboratory training in the following areas:

(i) Radiation physics and instrumentation;



(ii) Radiation protection;

(iii) Mathematics pertaining to the use and measurement of radioactivity; and

(iv) Radiation biology; and

(b) Five hundred hours of work experience, under the supervision of an authorized user who meets the requirements in this rule or rule 3701:1-58-21 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements at a medical facility authorized to use radioactive materials under rule 3701:1-58-43 of the Administrative Code, involving:

(i) Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys;

(ii) Checking survey meters for proper operation;

(iii) Preparing, implanting, and removing brachytherapy sources;

(iv) Maintaining running inventories of material on hand;

(v) Using administrative controls to prevent a medical event involving the use of radioactive material; and

(vi) Using emergency procedures to control radioactive material;

(2) Has completed three years of supervised clinical experience in radiation oncology, under an authorized user who meets the requirements in this rule or rule 3701:1-58-21 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements, as part of a formal training program approved by the "Residency Review Committee for Radiation Oncology of the Accreditation Council for Graduate Medical Education" or the "Royal College of Physicians and Surgeons of Canada" or the "Committee on Postdoctoral Training of the American Osteopathic Association." This experience may be obtained concurrently with the supervised work



experience required by paragraph (B)(1)(b) of this rule; and

(3) Has obtained written attestation that the individual has satisfactorily completed the requirements in paragraphs (B)(1) and (B)(2) of this rule and is able to independently fulfill the radiation safety-related duties as an authorized user of manual brachytherapy sources for the medical uses authorized under rule 3701:1-58-43 of the Administrative Code. The attestation must be obtained from either:

(a) A preceptor authorized user who meets the requirements in this rule or rule 3701:1-58-21 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements; or

(b) A residency program director who affirms in writing that the attestation represents the consensus of the residency program faculty where at least one faculty member is an authorized user who meets the requirements in his rule or rule 3701:1-58-21 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements, and concurs with the attestation provided by the residency program director. The residency training program must be approved by the residency review committee of the "Accreditation Council for Graduate Medical Education," the "Royal College of Physicians and Surgeons of Canada," or the "Council on Postdoctoral Training of the American Osteopathic Association," and must include training and experience specified in paragraphs (B)(1) and (B)(2) of this rule.