



## Ohio Administrative Code

### Rule 3701:1-58-49 Strontium-90 sources for ophthalmic treatments.

Effective: August 15, 2021

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(A) Licensees who use strontium-90 for ophthalmic treatments must ensure that certain activities as specified in paragraph (B) of this rule are performed by either:

(1) An authorized medical physicist; or

(2) An individual who:

(a) Is identified as an ophthalmic physicist on a specific medical use license issued by the director, United States nuclear regulatory commission or an agreement state; permit issued by a United States nuclear regulatory commission or an agreement state broad scope medical use licensee; medical use permit issued by a United States nuclear regulatory commission master material licensee; or permit issued by a United States nuclear regulatory commission master material licensee broad scope medical use permittee; and

(b) Holds a master's or doctor's degree in physics, medical physics, other physical sciences, engineering, or applied mathematics from an accredited college or university; and

(c) Has successfully completed one year of full-time training in medical physics and an additional year of full-time work experience under the supervision of a medical physicist; and

(d) Has documented training in:

(i) The creation, modification, and completion of written directives;

(ii) Procedures for administrations requiring a written directive; and

(iii) Performing the calibration measurements of brachytherapy sources as detailed in rule 3701:1-58-48 of the Administrative Code.



(B) The individuals who are identified in paragraph (A) of this rule must:

(1) Calculate the activity of each strontium-90 source that is used to determine the treatment times for ophthalmic treatments. The decay must be based on the activity determined under rule 3701:1-58-48 of the Administrative Code; and

(2) Assist the licensee in developing, implementing, and maintaining written procedures to provide high confidence that the administration is in accordance with the written directive. These procedures must include the frequencies that the individual meeting the requirements in paragraph (A) of this rule will observe treatments, review the treatment methodology, calculate treatment time for the prescribed dose, and review records to verify that the administrations were in accordance with the written directives.

(C) Licensees must retain a record of the activity of each strontium-90 source in accordance with rule 3701:1-58-90 of the Administrative Code.