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Ohio Administrative Code

Rule 3701:1-58-41 Training for the oral administration of sodium iodide iodine-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (thirty-three millicuries).

Effective: January 1, 2012

Except as provided in rule 3701:1-58-21 of the Administrative Code, the licensee shall require an authorized user for the oral administration of sodium iodide iodine-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (thirty-three millicuries) to be a physician who:

(A) Is certified by a medical specialty board whose certification process includes all of the requirements in paragraphs (C)(1) and (C)(2) of this rule and whose certification process has been recognized by the director, United States nuclear regulatory commission, or an agreement state and who meets the requirements in paragraph (C)(3) of this rule. The names of board certifications which have been recognized by the director, United States nuclear regulatory commission, or an agreement state will be posted on the United States nuclear regulatory commission's web page at www.nrc.gov; or

(B) Is an authorized user under rule 3701:1-58-40 of the Administrative Code for uses listed in paragraph (B)(1)(b)(vi)(a) or (B)(1)(b)(vi)(b) of rule 3701:1-58-40 of the Administrative Code, rule 3701:1-58-42 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements; or

(C) Has achieved the following requirements:

(1) Has successfully completed eighty hours of classroom and laboratory training, applicable to the medical use of sodium iodide iodine-131 for procedures requiring a written directive. The training must include:

(a) Radiation physics and instrumentation;

(b) Radiation protection;

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

(d) Chemistry of radioactive material for medical use; and

(e) Radiation biology;

(2) Has work experience, under the supervision of an authorized user who meets the requirements in rule 3701:1-58-21, 3701:1-58-40, this rule, or rule 3701:1-58-42 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements. A supervising authorized user who meets the requirements in paragraph (B) of rule 3701:1-58-40 of the Administrative Code must have experience in administering dosages as specified in paragraph (B)(1)(b)(vi)(a) or (B)(1)(b)(vi)(a) of rule 3701:1-58-40 of the Administrative Code. The work experience must involve:

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

(b) Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;

(c) Calculating, measuring, and safely preparing patient or human research subject dosages;

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

(e) Using procedures to contain spilled radioactive material safely and using proper decontamination procedures; and

(f) Administering dosages to patients or human research subjects, that includes at least three cases involving the oral administration of less than or equal to 1.22 gigabecquerels (thirty-three millicuries) of sodium iodide iodine-131; and

(3) Has obtained written attestation that the individual has satisfactorily completed the requirements in paragraphs (C)(1) and (C)(2) of this rule, and has achieved a level of competency sufficient to function independently as an authorized user for medical uses authorized under rule 3701:1-58-37 of the Administrative Code. The written attestation must be signed by a preceptor authorized user who meets the requirements in this rule, rule 3701:1-58-21, 3701:1-58-40, or 3701:1-58-42 of the Administrative Code, or equivalent United States nuclear regulatory commission or agreement state requirements. A preceptor authorized user, who meets the requirement in paragraph (B) of rule 3701:1-58-40 of the Administrative Code, must also have experience in administering dosages as specified in paragraph (B)(1)(b)(vi)(a) or (B)(1)(b)(vi)(b) of rule 3701:1-58-40 of the Administrative Code.