

4731.4612 TRAINING FOR INDIVIDUALS FUNCTIONING AS A NUCLEAR MEDICINE TECHNOLOGIST BEFORE JANUARY 1, 2011, WHO ARE NOT ACCREDITED.

Subpart 1. **Training program.** Individuals working as a nuclear medicine technologist before January 1, 2011, who are not accredited must complete a training program designed to demonstrate competency in the following areas:

- A. patient and personnel protection including:
 - (1) biological effects of radiation;
 - (2) basic concepts of radiation protection; and
 - (3) Minnesota Department of Health rules for radiation exposure;
- B. radiopharmaceutical characteristics including:
 - (1) half-life;
 - (2) method of localization; and
 - (3) biodistribution;
- C. proper handling of radioactive materials including:
 - (1) inspection and survey of packages;
 - (2) storage of radioactive material;
 - (3) disposal of radioactive waste; and
 - (4) United States Department of Transportation training requirements for shippers;
- D. factors affecting image quality including:
 - (1) equipment;
 - (2) patient and detector orientation;
 - (3) patient anatomical factors;
 - (4) anatomical landmarks;
 - (5) immobilization techniques; and
 - (6) radiopharmaceuticals;
- E. facility monitoring including:
 - (1) survey equipment operation and uses; and
 - (2) radioactive spill responses; and
- F. administration of radiopharmaceuticals during supervised clinical experience.

Subp. 2. **Clinical experience.** Clinical experience must be supervised by an individual who is accredited in nuclear medicine or by a physician who appears as an authorized user on an agreement state or United States Nuclear Regulatory Commission radioactive materials license.

Subp. 3. **Restrictions during training.** Individuals in a training program indicated in subpart 1 cannot work as a nuclear medicine technologist before obtaining documentation of competency as required in part 4731.4615 unless the individual works under the direct supervision of:

A. an individual who is accredited in nuclear medicine; or

B. a physician who appears as an authorized user on an agreement state or United States Nuclear Regulatory Commission radioactive materials license.

Subp. 4. **Continuing education.** Individuals working as nuclear medicine technologists before January 1, 2011, who are not accredited must:

A. obtain 24 hours of continuing education on nuclear medicine every 24 months;

B. have the continuing education training approved by any of the organizations listed in part 4731.4600, subpart 2; and

C. retain documentation of continuing education for five years and make it available for inspection upon request by the department.

Statutory Authority: *MS s 144.1202; 144.1203*

History: *36 SR 74*

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