

**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 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 144.1201; 144.1202; 144.1203; 144.1204; 144.1205*

**History:** *36 SR 74; 40 SR 145*

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