

Employee Training

Byproduct Material Use Records

Unit Dose Records - are to be maintained for three (3) years and MUST contain a notation of the following:

- a. Radiopharmaceutical
- b. Patient name and/or ID number
- c. Prescribed Dosage
- d. Determined Dosage or notation that the activity is $<30 \mu\text{Ci}$ (1.1 MBq)
- e. Date and time of the dosage determination
- f. Name of the individual who determined dosage

Multidose Vial Records - MUST contain a notation of the radioactive drug. It is highly suggested that the following information be noted:

1. Technical Data
 - a. Radionuclide
 - b. Chemical form or abbreviation
 - c. Date of preparation
 - d. Date, time, and activity of initial assay
 - e. Supplier of kit manufacturer
2. Administrative Data
 - a. Date and time dosage was drawn
 - b. Prescribed dosage
 - c. Calculated inverse concentration (ml/mCi) at drawing time
 - d. Calculated volume needed for prescribed dose
 - e. Measured activity and associated time
 - f. Patient name and ID number
 - g. Method of disposal and date and associated time
 - h. Name of person recording information

Byproduct Material Use Records

If radionuclide generators are used the following additional records will be maintained.

Molybdenum Concentration Records - Must be performed and calculated on the first elution of each generator, prior to patient use. These records will be maintained for three (3) years and MUST contain the following information:

- a. Date and time of measurement
- b. Ratio of the total Mo-99 microcuries per millicurie of Tc-99m and documentation that the ratio is less than specified in 10 CFR 35.204 (a)
- c. Name of the person who made the record.

It is highly suggested that the following information be noted:

- a. Date the generator was received
- b. Measured Mo-99 activity in microcuries
- c. Product of the measured Mo-99 activity and the correction factor noted by the molybdenum breakthrough pig manufacturer.
- d. Measured Tc-99m activity in millicuries