


<p>Name of Policy: <u>Transportation of Radiopharmaceuticals</u></p> <p>Policy Number: 3364-106-N05</p> <p>Department: Heart Station</p> <p>Approving Officer: Chief Operating Officer - UTMC</p> <p>Responsible Agent: Director Cardiovascular Services</p> <p>Scope: University of Toledo Medical Center Heart Station</p>	 <p>Effective Date: 2/1/2022 Initial Effective Date: 7/1/1990</p>
<p> <input type="checkbox"/> New policy proposal <input type="checkbox"/> Minor/technical revision of existing policy <input type="checkbox"/> Major revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy </p>	

(A) Policy Statement

Only Licensed, Registered Nuclear Medicine Technologists are authorized to transport Radiopharmaceuticals inside the University of Toledo Medical Center as designated in the Nuclear Regulatory Commission license and The Ohio Department of Health-Bureau of Radiation Protection license for the University of Toledo Medical Center.

(B) Purpose of Policy

The purpose is to ensure that the proper safety procedures and regulations are followed in order to eliminate the possibility of unnecessary radiation exposure to patients, visitors, or personnel.

(C) Procedure

1. All radioactive materials will be transported in lead lined containers labeled with RADIOACTIVE MATERIALS” indicating the type of radionuclide, the amount, and the calibration time.
2. Containers used to carry or store the lead lined containers will be properly labeled with signs indicating, “CAUTION – RADIOACTIVE MATERIALS”.
3. Temporary storage areas will be labeled with proper signs and warnings indicating, “CAUTION - RADIOACTIVE MATERIALS”.
4. The radioactive compounds include the following:

Technetium 99m used for patient diagnostic tests: single unit dose syringes in lead pigs with each dose 8 to 36 mCi .
T 1/2=6 hours, 140 keV range

Thallium 201 used for patient diagnostic tests: single unit dose syringes in lead pigs with each dose 1 to 3.5 mCi .
T 1/2=3 days, 60-80 keV range

Approved by:	Review/Revision Date:
<u>/s/</u> <u>Todd Korzec, RN, BSN</u> Director Cardiovascular Services	9/92 12/95 7/97 8/99 7/01 5/04 7/07
<u>03/16/2022</u> Date	8/10
<u>/s/</u> <u>Samer J. Khouri, MD</u> Director, Non-Invasive Cardiac Imaging	6/13 3/16 3/19 2/22
<u>03/16/2022</u> Date	
<u>/s/</u> <u>Christine Stesney-Ridenour, FACHE</u> Chief Operating Officer- UTMC	
<u>03/16/2022</u> Date	
<i>Review/Revision Completed By: Todd Korzec, RN, BSN Heart Station</i>	
	Next Review Date: 2/1/2025
Policies Superseded by This Policy:	