


<b>Name of Policy:</b> Transportation of Radiopharmaceuticals  <b>Policy Number:</b> 3364-106-N05  <b>Approving Officer:</b> Chief Operating Officer  <b>Responsible Agent:</b> Director of Cardiovascular Services, Medical Director, Non-Invasive Cardiac Imaging  <b>Scope:</b> University of Toledo Medical Center		  <b>Effective date:</b> 3/24/2025  <b>Original effective date:</b> 7/1990	
Key words: Radiation, Nuclear Testing, Stress Test, Radiopharmaceuticals, Transport			
<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

**(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 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 Tc99m 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

<p>Approved by:</p> <p>/s/</p> <hr/> <p>Todd Korzec, RN, BSN Director, Cardiovascular Services</p> <p>1/31/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Samer Khouri, MD Medical Director, Non-Invasive Cardiac Imaging</p> <p>3/7/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Christine Stesney-Ridenour, FACHE Chief Operating Officer</p> <p>3/24/2025</p> <hr/> <p>Date</p> <p><i>Review/Revision Completed by: Director, Cardiovascular Services</i></p>	<p><b>Policies Superseded by This Policy:</b></p> <ul style="list-style-type: none"><li>• <i>None</i></li></ul> <p>Initial effective date: 7/1990</p> <p>Review/Revision Date:</p> <p>9/92 12/95 7/97 8/99 7/01 5/04 7/07 8/10 6/13 3/16 3/19 2/22 3/24/2025</p> <p>Next review date: 3/24/2028</p>
--	---