


Name of Policy: <u>Area Radiation Monitoring</u> Policy Number: 3364-106-N09 Department: Heart Station Approving Officer: Chief Operating Officer - UTMC Responsible Agent: Director Cardiovascular Services Scope: University of Toledo Medical Center Heart Station	 Effective Date: 2/1/2022 Initial Effective Date: 7/1/1990
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Major revision of existing policy	<input type="checkbox"/> Minor/technical revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy

(A) Policy Statement

All areas where sources of ionizing radiation are used or stored shall be monitored for radiation by a Licensed, Registered Nuclear Medicine Technologist according to the Ohio Department of Health-Bureau of Radiation Protection (ODH-BRP) and the Nuclear Regulatory Commission (NRC).

(B) Purpose of Policy

To monitor ionizing radiation in the occupational environment.

(C) Procedure

1. Formulate a plan of each survey area with designated points to be surveyed daily.
2. Record the date, dose rate of each designated point in mR/hr, the instrument used, and the surveyor's initials.
3. Once a week, swipe each designated point in the survey area with a cotton swab and count in a well counter to ensure no contamination levels exceed 500 dpm.
4. Record the date; count rate of each designated point in dpm, the instrument used, and the surveyor's initials.
5. All sources of radioactive material will be locked in the Heart and Vascular Center Heart Station "Hot Lab" and secured inside lead lined cabinets.
6. Decontamination will be performed if necessary according to ODH-BRP regulations, NRC guidelines, and UTMC policies.
7. All records will be kept in logbooks or computer files according to ODH-BRP and NRC regulations.

Approved by: <u>/s/</u> <u>03/16/2022</u> Todd Korzec, RN, BSN Director Cardiovascular Services <u>/s/</u> <u>03/16/2022</u> Samer J. Khouri, MD Director, Non-Invasive Cardiac Imaging <u>/s/</u> <u>03/16/2022</u> Christine Stesney-Ridenour, FACHE Chief Operating Officer- UTMC <i>Review/Revision Completed By: Todd Korzec, RN, BSN Heart Station</i>	Review/Revision Date: 12/92 2/22 10/93 12/95 7/97 3/99 8/99 7/01 5/04 7/07 8/10 6/13 3/16 3/19 Next Review Date: 2/1/2025
Policies Superseded by This Policy:	