


<b>Name of Policy:</b> <u>Radioactive Emergencies</u> <b>Policy Number:</b> 3364-106-N01 <b>Department:</b> Heart Station <b>Approving Officer:</b> Chief Operating Officer - UTMC <b>Responsible Agent:</b> Director Cardiovascular Services <b>Scope:</b> University of Toledo Medical Center Heart Station	  <b>Effective Date:</b> 2/1/2022 <b>Initial Effective Date:</b> 2/1/1982
<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**

Radioactive contamination of the occupational environment, as defined by the Ohio Department of Health-Bureau of Radiation Protection (ODH-BRP) and or the Nuclear Regulatory Commission (NRC) shall be decontaminated and monitored so as to insure minimal radiation exposure to patients, visitors, and personnel.

**(B) Purpose of Policy**

Establish proper guidelines for decontaminating, monitoring, and recording of radioactive contamination of the occupational environment including patients, visitors, and personnel.

**(C) Procedure**

1. Minor Contamination

- a. Identify the area and/or persons that may be contaminated and isolate.
- b. Contain the spread of the contamination by using disposable, absorbent towels. Affected persons should wash and towel dry.
- c. Survey the area and personnel for contamination with a Geiger-Mueller survey meter. Contamination levels must be below 500 dpm/100cm<sup>2</sup>.
- d. Clean up the contamination by using disposable gloves and towels; insert all contaminated materials in to a plastic bag that is labeled as containing radioactive contaminated materials with the date, type, and survey meter reading. Dispose according to proper guidelines.
- e. Report incident to the Radiation Safety Office.
- f. Decontamination will be performed according to ODH-BRP and NRC guidelines, UTMC and Heart and Vascular Center policies.
- g. All records will be kept in logbooks or computer files according to ODH-BRP and NRC regulations.

2. Major Contamination

- a. Identify the area and/or persons that may be contaminated and isolate. Any persons not affected should vacate the area immediately.
- b. Contain the spread of contamination by covering with absorbent paper. Do not attempt decontamination. Confine the movements of those persons who may be contaminated. Contaminated clothing should be removed and stored for further evaluation. Flush the affected skin thoroughly and then wash with mild soap and lukewarm water. If necessary, use the eye wash located in room #1169.
- c. Shield the source of contamination if possible but only if it can be done without further contamination or radiation exposure.

- d. Secure the area to prevent entry.
- e. Notify the Radiation Safety Office as soon as possible.
- f. Decontamination will be performed according to ODH-BRP and NRC guidelines, UTMC and Heart and Vascular Center policies.
- g. All records will be kept in logbooks or computer files according to ODH-BRP and NRC regulations.

<p><b>Approved by:</b></p> <p><u>/s/</u> <u>03/16/2022</u>        Todd Korzec, RN, BSN        Director Cardiovascular Services        Date</p> <p><u>/s/</u> <u>03/16/2022</u>        Samer J. Khouri, MD        Director, Non-Invasive Cardiac Imaging        Date</p> <p><u>/s/</u> <u>03/16/2022</u>        Christine Stesney-Ridenour, FACHE        Chief Operating Officer- UTMC        Date</p> <p><i>Review/Revision Completed By: Todd Korzec, RN, BSN        Heart Station</i></p>	<p><b>Review/Revision Date:</b></p> <p>4/82            3/19        8/83            2/22        11/84        10/85        10/86        10/87        10/88        10/90        11/91        8/92        3/93        10/93        12/95        7/97        8/99        7/01        5/04        7/07        8/10        6/13        3/16</p> <p><b>Next Review Date:</b> 2/1/2025</p>
<p><b>Policies Superseded by This Policy:</b></p>	