


Name of Policy:	Medical Physics - Radiation Survey Meters	
Policy Number:	3364-134-29	
Department:	Radiation Oncology	
Approving Officer:	Chief Executive Officer – UTMC Chair – Radiation Oncology - UTMC	
Responsible Agent:	Technical Manager, Radiation Oncology	
Scope:	Radiation Oncology	
		Effective Date: 7/1/2022
		Initial Effective Date: 9/5/1980
<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

The availability and use of Radiation survey meters are governed by NRC regulations. Medical Physics will oversee compliance with these regulations.

(B) Purpose of Policy

To ensure the survey meters capable of measuring dose rates over the range of 0.01mR per hour to 1000mR per hour.

(C) Procedure

1. The radiation detection survey meters maintained on site will be capable of detecting exposure rates between the range of 0.01mR per hour to 1000mR per hour.
2. LOCATION: When not in use, the survey meters will be kept in the Equipment Room #1060-N or on HDR workstation counter in the Dana Cancer Center.
3. MAINTENANCE & CALIBRATION: The Medical Physics Division is responsible for ensuring that the survey meters are maintained in proper operating condition and that they are properly calibrated at least every six months and/or following any repair. Documentation of same is kept on file in Medical Physics' area.
4. SURVEY METER USE: Prior to removal of a survey meter from Radiation Oncology Department for the isotope kitchen for performance of survey measurements:
 - a. The meter must be switched to the battery check position to verify that the batteries are not depleted.
 - b. Operation of the survey meter must be checked by using the check source attached to the meter. The reading must be within 10% of the level listed on the calibration sticker.

Approved by:		Review/Revision Date:
<u>/s/</u>	<u>07/08/2022</u>	9/1990
Mersiha Hadziahmetovic, MD	Date	11/1992
Associate Professor, Chair, Radiation Oncology		10/1993
		2/1995
		1996
		3/1997
		4/1999
<u>/s/</u>	<u>07/08/2022</u>	3/2002
Richard P Swaine	Date	7/1/2008
Chief Executive Officer		7/1/2011
		7/1/2013
		5/1/2016
		6/1/2019
		7/1/2022
<i>Review/Revision Completed By:</i> <i>Michelle Giovanoli</i>		
		Next Review Date: 7/1/2025
Policies Superseded by This Policy: 38-029A		