


Name of Policy:	Medical Physics - Radiation Survey Meters	
Policy Number:	3364-134-29	
Department:	Radiation Oncology	
Approving Officer:	Sr. Vice President & Executive Director, UTMC	
Responsible Agent:	Technical Manager, Radiation Oncology	
Scope:	Radiation Oncology	
		Effective Date: 7/1/2011
		Initial Effective Date: 9/5/1980
<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

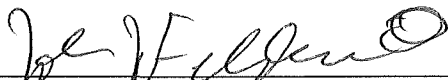
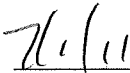
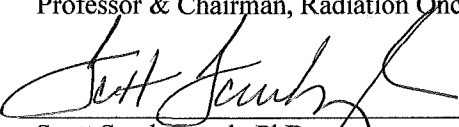
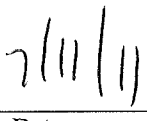
The availability and use of Radiation survey meters are governed by NRC regulations. Medical Physics will oversee compliance with these regulations.

(B) Purpose of Policy

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

(C) Procedure

1. The radiation detection survey meters maintained on site will be capable of detecting dose rates between the range of 0.01mRem per hour to 1000mRem per hour.
2. LOCATION: When not in use, the survey meters will be kept in the treatment planning room #0260 or the isotope kitchen.
3. MAINTENANCE & CALIBRATION: The Medical Physics section 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 Radiation Safety.
4. SURVEY METER USE: Prior to removal of a survey meter from treatment planning or 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:
		
John Feldmeier, DO Professor & Chairman, Radiation Oncology	Date	
		
Scott Scarborough, PhD Sr. Vice President & Executive Director, UTMC	Date	
<i>Review/Revision Completed By:</i> Michelle Giovanoli		
		9/1990 11/1992 10/1993 2/1995 1996 3/1997 4/1999 3/2002 7/1/2008 7/1/2011
		Next Review Date: 7/1/2014
Policies Superseded by This Policy: 38-029A		