


Name of Policy: <u>Computer Program Acceptance Testing</u> Policy Number: 3364-134-28 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: 1/26/1992
<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



Acceptance testing shall be performed on each dose calculating computer program that could be used for brachytherapy dose calculations.

(B) Purpose of Policy

To ensure the accuracy of computer programs used for brachytherapy dose calculations.

(C) Procedure

1. Acceptance testing will be performed only by those persons qualified by education and training to perform such tests.
2. Acceptance testing will be performed before the first clinical use and after the modification of a treatment planning or dose calculation computer program used for brachytherapy dose calculations.
3. The results of the acceptance testing will be retained and compared with any assessment performed following a significant revision of the computer program.

Approved by:  John Feldmeier, DO Professor & Chairman, Radiation Oncology Date: <u>2/1/11</u>	Review/Revision Date: 10/1993 10/1996 4/1999 3/2002 5/2008 7/1/2011
 Scott Scarborough, PhD Sr. Vice President & Executive Director, UTMC Date: <u>7/1/11</u>	
Review/Revision Completed By: Michelle Giovanoli	Next Review Date: 7/1/2014
Policies Superseded by This Policy: 38-72	