


Name of Policy:	<u>Computer Program Acceptance Testing</u>	 THE UNIVERSITY OF TOLEDO Effective Date: 10/1/2017 Initial Effective Date: 1/26/1992
Policy Number:	3364-134-28	
Department:	Radiation Oncology	
Approving Officer:	Chief Executive Officer - UTMC Professor & Chairman, Radiation Oncology	
Responsible Agent:	Technical Manager, Radiation Oncology	
Scope:	Radiation Oncology	
<input type="checkbox"/> New policy proposal <input checked="" type="checkbox"/> Minor/technical revision of existing policy		
<input type="checkbox"/> Major revision of existing policy <input type="checkbox"/> Reaffirmation of existing policy		

A) Policy Statement

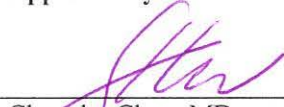
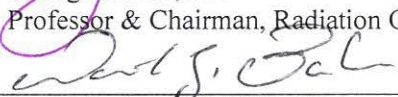
Acceptance testing shall be performed on each dose calculating computer program that could be used for external beam radiation therapy and brachytherapy dose calculations.

B) Purpose of Policy

To ensure the accuracy of computer programs used for external beam radiation therapy and brachytherapy dose calculations.

C) PROCEDURE

1. Acceptance testing will be performed only by certified medical physicists.
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 external beam radiotherapy or 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.
4. QA of dose calculating computers will be done annually

Approved by:  _____ Changhu Chen, MD Professor & Chairman, Radiation Oncology  _____ Daniel Barbee, RN, BSN, MBA Chief Executive Officer - UTMC Review/Revision Completed By: Michelle Giovanoli	Review/Revision Date: 10/1993 10/1996 4/1999 3/2002 5/2008 7/1/2011 7/1/2014 7/1/17 10/1/17 Next Review Date: 10/1/2020
Policies Superseded by This Policy: 38-72	