


<b>Name of Policy:</b>	<b><u>Dose Calculation Check By Second Individual, Physics</u></b>					
<b>Policy Number:</b>	3364-134-10					
<b>Department:</b>	Radiation Oncology					
<b>Approving Officer:</b>	Chief Executive Officer – UTMC Chair – Radiation Oncology - UTMC					
<b>Responsible Agent:</b>	Technical Manager, Radiation Oncology					
<b>Scope:</b>	Radiation Oncology					
		<b>Effective Date:</b> 7/1/2022				
		Initial Effective Date: 9/5/1980				
<table border="0"> <tr> <td><input type="checkbox"/> New policy proposal</td> <td><input type="checkbox"/> Minor/technical revision of existing policy</td> </tr> <tr> <td><input type="checkbox"/> Major revision of existing policy</td> <td><input checked="" type="checkbox"/> Reaffirmation of existing policy</td> </tr> </table>			<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
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**(A) Policy Statement**

Each patient’s dose calculation shall be checked by a qualified member of the Physics Division prior to administration of the second treatment, and at any time that changes are made. The second electronic signature on the imported plan, documents which physicist double checked the Plan.

**(B) Purpose of Policy**

To ensure compliance with physician dose prescription, treatment plan and dose calculations.

**(C) Procedure**

1. Immediately after a treatment plan a dose calculation is approved by the MD, a second check is completed by a physicist at the time the plan is imported into Aria.
2. A qualified member of the physics division will double check the treatment plan and dose calculation, then sign the appropriate document electronically.

<b>Approved by:</b>	<b>Review/Revision Date:</b>
<u>/s/</u>	9/1980      3/2002
<u>07/08/2022</u>	10/1986      1/2007
Mersiha Hadziahmetovic, MD	1987      4/22/2010
Associate Professor, Chair, Radiation Oncology	1988      7/1/2013
	1989      5/1/2016
<u>/s/</u>	2/1990      6/1/2019
<u>07/08/2022</u>	10/1992      7/1/2022
Richard P. Swaine	1993
Chief Executive Officer - UTMC	2/1995
	2/1996
<i>Review/Revision Completed By:</i>	10/1997
<i>Michelle Giovanoli</i>	4/1999
	<b>Next Review Date: 7/1/2025</b>
<b>Policies Superseded by This Policy:</b> 38-17	