


Name of Policy: Dose Calculation Check by Second Individual, Physics			
Policy Number: 3364-134-10		Effective date: 7/2025 Original effective date: 09/05/1980	
Approving Officer: Chief Operating Officer, Clinical Service Chief, Radiation Oncology			
Responsible Agent: Technical Manager, Radiation Oncology			
Scope: The University of Toledo Medical Center, Radiation Oncology			
Key words: Physics, Radiation Oncology, Dose calculations, Second check			
<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

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.

Approved by:

/s/

Mersiha Hadziahmetovic M.D.
Clinical Service Chief, Radiation
Oncology

7/21/2017

Date

/s/

Russell Smith
Chief Operating Officer

7/17/2025

Date

Review/Revision Completed by:
Technical Manager, Radiation
Oncology

Policies Superseded by This Policy:

• 38-17

Initial effective date: 09/05/1980

Review/Revision Date:

9/1980

10/1986

1987

1988

1989

2/1990

10/1992

1993

2/1995

2/1996

10/1997

4/1999

3/2002

1/2007

4/22/2010

7/1/2013

5/1/2016

6/1/2019

7/1/2025

Next review date: 7/2028