


<b>Name of Policy:</b>	<u>Gonadal Radiation Protection</u>	
<b>Policy Number:</b>	3364-135-094	
<b>Department:</b>	Radiology	
<b>Approving Officer:</b>	Chief Operating Officer - UTMC	
<b>Responsible Agent:</b>	Chairman & Professor, Radiology	
<b>Scope:</b>	Radiology	
		<b>Effective Date:</b> 3/1/2023
		Initial Effective Date: 7/1/1981
<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**

Gonadal shielding of not less than 0.5 millimeter lead equivalent material shall be used for human patients, who have not passed the reproductive age, during radiologic procedures in which the gonads are in the useful beam, except for cases in which this would interfere with the radiologic procedure.

**(B) Purpose of Policy**

To provide as much gonadal radiation protection as possible during diagnostic procedures.

**(C) Procedure**

Radiology technical personnel should use appropriate gonadal radiation shielding whenever there is the potential for gonadal exposure to primary radiation for patients under the age of 60 years. Gonadal shielding consists of lead aprons, cups, shadow shields, as well as proper collimation.

- 1) Gonadal shielding of not less than 0.5 millimeter lead equivalent material shall be used for human patients, who have not passed the reproductive age, during radiologic procedures in which the gonads are in the useful beam, except for cases in which this would interfere with the radiologic procedure.

<b>Approved by:</b>	<b>Review/Revision Date:</b>
<u>/s/</u>	04/04/2023
Haitham Elsamaloty, MD Chairman & Professor, Radiology	Date
<u>/s/</u>	04/10/2023
Joseph Agosti Radiation Safety Officer	Date
<u>/s/</u>	04/11/2023
Christine Stesney-Ridenour, FACHE Chief Operating Officer- UTMC	Date
<i>Review/Revision Completed By: Haitham Elsamaloty, MD</i>	
	<b>Next Review Date:</b> 3/1/2026