

Name of Policy: <u>Radiation worker pregnancies</u> Policy Number: 3364-135-103 Department: Radiology Approving Officer: Chief Operating Officer - UTMC Responsible Agent: Chairman & Professor, Radiology Scope: Radiology	 Effective Date: 6/1/2023 Initial Effective Date: 1/3/1994
<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

If a pregnant radiation worker wishes to participate in a fetal radiation monitoring program, she must declare her confirmed pregnancy by written notification to the Radiation Safety Officer, who will provide information on biological effects and radiation protection and will establish a radiation monitoring program specific to her pregnancy.

(B) Purpose of Policy

To ensure that radiation levels to the fetus are maintained below regulatory limits and as low as reasonably achievable.

(C) Procedure

1. After confirmation of pregnancy, the radiation worker verbally notifies the Radiation Safety Office.
2. A written declaration of pregnancy form provided by the Radiation Safety Office is completed by the radiation worker (see attachment).
3. The radiation worker meets with the Radiation Safety Officer to receive training and establish a program of radiation monitoring.
4. If requested, the Radiation Safety Officer will treat the declaration of pregnancy as confidential, when possible.
5. The radiation worker's radiation exposure will be monitored and reviewed monthly and any radiation level that requires action will be discussed with the radiation worker and her supervisor. A plan of action will be documented at that time.

Approved by: _____ /s/ Haitham Elsamaloty, MD Chairman & Professor, Radiology Date	Review/Revision Date: 4/26/1999 5/1/2002 9/26/2005 5/28/2008 5/20/2011 6/3/2014 6/1/2017 6/1/2020 6/1/2023
_____ /s/ Ryan Landis, BSRT, (R) (CT) Director, Radiology Date	
Review/Revision Completed By: Haitham Elsamaloty, MD	
Next Review Date: 6/1/2026	
Policies Superseded by This Policy: R-018	



Radiation Safety Office
Control of Radiation Exposure During Pregnancy

Name (Print) _____
Last First Middle Initial

Department _____

Other Employment as Radiation Worker. If none, initial here _____

Institution _____

Address _____

Contact Person _____

Telephone # _____

In signing this form, it is acknowledged that :

1. I voluntarily declare my pregnancy. My estimated date of conception is (MM/YR) _____
2. I have received oral instruction and have read and understood the material presented in U.S. Nuclear Regulatory Commission Guide 8.13, Revision 3 (June 1999).
3. The University of Toledo Radiation Safety Officer or his designate provided a discussion period following the above instruction, during which my questions, if any were answered satisfactorily.
4. NCRP recommendations and ODH 3701:1-38-12(H) limit the radiation dose to the embryo/fetus to 0,5 rem during the term of pregnancy. The primary method of monitoring exposure from external radiation sources will be a dosimeter properly worn by me near the waist and under any protective device.
5. I acknowledge that my personal dosimetry records indicate a whole body exposure of _____mrem from the time of conception through the date of my declaration of pregnancy.

I understand the radiation dose to my embryo/fetus during my pregnancy will not be allowed to exceed 0.5 rem (500 millirem) I also understand that meeting the lower dose limit may require a change in job or job responsibilities during my pregnancy.

Signed _____ Date _____