


Name of Policy: Pregnancy and Breastfeeding Policy Number: 3364-106-N20 Approving Officer: Chief Operating Officer Responsible Agent: Director of Cardiovascular Services, Medical Director, Non-Invasive Cardiac Imaging Scope: University of Toledo Medical Center		 Effective date: 3/24/2025 Original effective date: 6/2008	
Key words: Radiation, Nuclear Testing, Stress Test, Pregnancy, Breastfeeding			
<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

Cardiac Nuclear Medicine procedures will not be performed on patients, who are pregnant, potentially could be pregnant, or who are breast-feeding a child unless it is essential for a diagnosis. Both the patient and the ordering physician must give approval for the procedure to be performed.

(B) Purpose of Policy

To identify and address issues relating to the administration of radioactive material to a pregnant, potentially pregnant, or breast-feeding patient.

(C) Procedure

1. Signs are posted within the camera and stress rooms that state: "If you are pregnant or breastfeeding, please notify the technologist or nurse".
2. The technologist or nurse must ask all female patients if they are or may be pregnant and if they are breast feeding and infant or child.
3. Pregnancy:
 - a. If the patient is neither post-menopausal nor surgically sterile and their last menstrual period began within the past 10 days, the technologist or nurse must consult the Authorized User before administering the radiopharmaceutical dose. The procedure should be postponed until pregnancy status can be verified.
4. If the patient is breast feeding:
 - a. Notify the Authorized User and the Radiation Safety Officer before the radiopharmaceutical is administered.
 - b. The referring physician may be contacted and questioned whether a Nuclear Medicine procedure is still indicated.
 - c. The patient must agree to discontinue breast feeding for a period of 24 hours as prescribed by the Radiation Safety Officer:
 - i. Myocardial Perfusion Imaging using Tetrofosmin or Sestamibi, 40 mCi.
 1. NRC NUREG-1492

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- ii. Myocardial Function Imaging using Tc99m RBC's, 25 mCi.
 - 1. NRC Reg-8.39
 - iii. Amyloid Imaging using Tc99m-Pyrophosphate
 - NRC NUREG-1492
 - d. Written instructions regarding the length of time to discontinue breast feeding must be signed by the patient before administering the radiopharmaceutical and documented in the patient's chart.
 - e. The patient will be given a copy of the completed "Instructions for Breast Feeding Patients" form.
5. It is the policy of the Heart Station not to perform a radioactive diagnostic procedure on any patient that is pregnant. If all the guidelines are followed, this should not occur.
6. If an exposure does occur, the Radiation Safety Office will provide the most accurate data available to the parent concerning fetal dosing.

<p>Approved by:</p> <p>/s/</p> <hr/> <p>Todd Korzec, RN, BSN Director, Cardiovascular Services</p> <p>1/31/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Samer Khouri, MD Medical Director, Non-Invasive Cardiac Imaging</p> <p>3/7/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Christine Stesney-Ridenour, FACHE Chief Operating Officer</p> <p>3/24/2025</p> <hr/> <p>Date</p> <p><i>Review/Revision Completed by: Director, Cardiovascular Services</i></p>	<p>Policies Superseded by This Policy:</p> <ul style="list-style-type: none">• <i>None</i> <p>Initial effective date: 6/2008</p> <p>Review/Revision Date:</p> <p>6/08 8/10 6/13 3/16 3/19 2/22 3/24/2025</p> <p>Next review date: 3/24/2028</p>
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