Name of Policy: **Inspection of Personal Shielding Devices**

Policy Number: 3364-135-073

Department: Radiology

Approving Officer: Chief Operating Officer - UTMC

Responsible Agent: Chairman & Professor, Radiology

Effective Date: 5/1/2023

Initial Effective Date: 6/17/1987

Scope: Radiology

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<th>New policy proposal</th>
<th>Minor/technical revision of existing policy</th>
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(A) **Policy Statement**

All lead aprons, lead gloves, gonadal protection devices and thyroid shields will be visually and fluoroscopically inspected for any defects or lead voids on an annual basis.

(B) **Purpose of Policy**

To ensure the safety of all employees and patients against unnecessary radiation exposure.

(C) **Procedure**

1. All aprons, gloves, GP devices and thyroid shields are to be properly numbered.
2. The garments will first be visually inspected for tears or other damage.
3. They will then be examined fluoroscopically.
4. Garments which are obviously damaged or have defects greater than one square centimeter in area as demonstrated fluoroscopically, will be repaired or the item will be retired from service.
5. Radiation Safety will be responsible for protective garment testing. The person performing the testing will be a licensed radiographer or Radiation Safety staff member who has undergone training for this test.
6. A dated and signed log will be maintained by Radiation Safety to document testing.

**Equipment:** Protective garments, fluoroscope, ruler.

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Approved by:

/s/ Haitham Elsamaloty, MD Chairman & Professor, Radiology 04/04/2023

/s/ Christine Stesney-Ridenour, FACHE Chief Operating Officer - UTMC 04/11/2023

Review/Revision Completed By: Haitham Elsamaloty, MD

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Review/Revision Date:

- 8/24/1990
- 7/1/1993
- 4/26/99
- 5/2000
- 9/1/2005
- 5/02/2006
- 5/23/2008
- 5/1/2011
- 5/8/2014
- 5/1/2017
- 5/1/2020
- 5/1/2023

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Next Review Date: 5/1/2026

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Policies Superseded by This Policy: P-003