Radiation Use Information for Medical Students

Research Laboratory & Safety Services (RLSS) is responsible for maintaining the radiation health and safety of the Banner University Medical Center (BUMC) community and for ensuring compliance with all relevant ionizing radiation regulations.

Medical Students are not provided permanent personal dosimeters; their radiation dose limits are considered to be general public, 100 mrem/year. However, if they are on rotation in a Radiation Working Department (list below), they must wear a dosimeter to be present in procedures where radiation may be utilized to ensure their exposure is not over allowable limits.

RLSS has temporary use dosimeters, also referred to as “microstars”, that must be worn in these circumstances. These dosimeters are a regulatory requirement. The process for checking out a temporary dosimeter follows

1. RLSS must be notified prior to the arrival of the student in order to prepare a dosimeter. Contact rlss-clinical-support@email.arizona.edu or 520-626-6850

2. A completed microstar form must be provided when picking up or receiving a microstar dosimeter. This form can be emailed to rlss-clinical-support@email.arizona.edu

3. The microstar form must be signed by the person responsible for the radiation use and overseeing the student while they are in radiation areas. A microstar will not be issued without this signature

4. The microstar can be picked up at 1717 East Speedway Suite #1201, in the Babcock building. RLSS operation hours are 7:30am to 4:00pm. If unable to pick up the dosimeter, special accommodations for drop-off or times outside of business hours can be arranged in advance

5. Microstars must be returned promptly at the end of the designated wear period on the form. If not returned within 30 days, $25.00 will be charged to the responsible department

Identified as Radiation Working Departments

The following Departments and/or Specialties are identified as those who typically utilize Ionizing Radiation.

Orthopedics Surgery  Vascular Surgery  General Surgery  Cardiothoracic Surgery
Neurosurgery  Urology  Surgery  Pulmonology
Gastroenterology  Electrophysiology  Cardiology  Radiation Oncology
Radiology  Anesthesiology  Nuclear Medicine

[11/8/2016]
# Micro-Star Temporary Dosimeter Sign-out Form

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<tr>
<th>Last Name</th>
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<th>Middle</th>
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<tr>
<th>DOB</th>
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<tr>
<th>Affiliation (School)</th>
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<tr>
<th>Sponsoring Department</th>
<th>Supervisor</th>
<th>Phone Number/Pager</th>
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**Dates of Use:** _________________  **Thru:** _________________

I understand this is a temporary dosimeter and I will return it to Research Laboratory & Safety Services (RLSS) when I complete my rotation. I further acknowledge that I am not a radiation worker. I will not perform any procedures during my rotation and will not be present in a radiation area without direct supervision by a radiation worker.

I understand that if this dosimeter is not returned, a $25.00 fee will be charged.

I have read the statement above and certify all the information on this form is correct and complete to the best of my knowledge.

______
Worker’s Signature

______
Date

I certify that this individual is not a Radiation Worker and while under my supervision they will not perform any radiation work other than observing. Furthermore, I will ensure that specific safety and dosimeter wear training is provided prior to observing procedures utilizing ionizing radiation.

______
Supervisor Signature

______
Date

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RLSS USE ONLY:

**Initial Reading:** ______________  **Final Reading:** ______________  **Dose in mrem:** ______________

**Initial Scan Date:** ______________  **Final Scan Date:** ______________  **Micro-Star #:** ______________