

ARMSTRONG COUNTY MEMORIAL HOSPITAL SCHOOL OF RADIOLOGIC TECHNOLOGY POLICY AND PROCEDURE MANUAL	
Policy Title: Radiation Safety of Students	Policy Number: 54 Page 1 of 1
Original Date: 10/96	Revision Date: 5/99, 12/01, 5/02, 4/11
Last Review Date: 6/11	

A radiation monitoring badge is issued to each student of the Radiology Department at the onset of their education. This badge should be worn at waist or collar level during all clinical assignments. When an apron is worn, the badge shall be worn on the collar outside the apron. Monitoring badges should be left in the student's locker at the end of each day. If a badge is lost, a spare badge will be assigned to the student. It is the responsibility of each student to return the previous month's badge and receive a new badge at the beginning of each month.

Permanent records of all radiation exposure to the students are kept on file. Each student must initial their monthly exposure to signify that they are aware of their radiation exposure for the time period. The Radiation Physicist reviews all radiation monitoring reports. If a monthly dosage is high, the physicist investigates, talks to the affected student, and the case is brought before the Radiation Safety committee. If the dosage exceeds the permissible monthly allowance, based on 125 mrads/quarter, the Radiation Physicist submits a report of this and his investigation to the Bureau of Radiation Health. Recommendations from the Radiation Physicist will be followed.

Our department follows the ALARA principle at all times, which means maintaining radiation exposures to "*as low as reasonably achievable*". In support of this principle, no student is permitted, under any circumstance, to hold a patient during an exposure.

Personal radiation protective equipment is located in each fluoroscopy room, operating room, and on each portable unit. Students are instructed on the first day of education as to the proper use of this equipment. All equipment is checked periodically by the Radiation Physicist to ensure the safety of all radiation workers.

