USER RESPONSIBILITIES & GUIDELINES FOR WEARING FETAL DOSIMETER BADGES

If you have been issuedfatal dosimeter, you must wear it at all times during the procedures/operation of equipment for which it is required? erforming procedures or operating equipment that requires the use of a dosimeter without wearing your assigned dosimeter constitutes unauthorized use.

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Dosimeters are worn for a defined period of time. It is your responsibility to ensure that your dosimeter(s) are not worn beyond their end date, and to exchange it with the RAMAX principal investigator in a timely fashion.

If you lose a dosimeter or do not turn oinethat was issued to you, you are required to submit a log of activities that require dosimetry to the Radiation Safety Office upon required is also a \$35 replacement/lost fee.

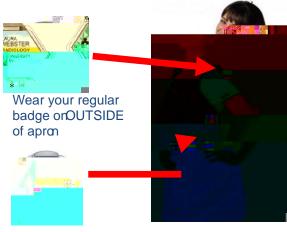
How is Fetal Dose Measured?

The fetal dose limit of 500 mrem includes fetal radiation exposure from external sources (e.g., scattered radiation from patients receiving pays, radiation from radioactive material) and from internal sources (e.g., inhaling airborne radioactivity from latile radioactive material).

However, for all workers on campus, the contribution from internal sources is likely to be zero so the external dose is the main concern. The external dose is measured by radiation badges.

In addition to the regular **b**dy badge you normally wear, you will also **b**eovided with a fetal dosimeter badge ~ ^ (š o Pwill beše**X**chšangednonthly.

- Wear your regular whole body badge where you normally wear that badge. For example, if you are wearing a lead apron, continue to wear the badge on the collar area on theutside part of theapron.
- Wear your fetal badge on the front part wour abdomen. If you are wearing a lead apron, wear the fetal badgeunderneath the apron.
- ‡ If you are wearing a lead apron, your fetal badge reading will be less than your collar badge reading. Also, keepn mind that maternal tissue can reduce scattered diagnostic-xays by up to 70%.
- ‡ After the pregnancy is over, contact the Radiation Safety Office to indicate that you longer need to be on the Fetal Monitoring Program.



Wear Fetal Badge UNDER the apron