

Pregnancy Surveillance

Description

Attention: This page is part of an ongoing development project. While it is publicly accessible, it is primarily intended for internal use and testing purposes within the University of Florida. Content and features may change as development progresses.

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Pregnancy Surveillance Program

Occupational radiation exposure for a pregnant employee should be monitored to make sure the total amount of radiation exposure is under the regulatory limit. According to the National Council of Radiation Protection and Measurement (NCRP), the total dose equivalent to the embryo/fetus should not exceed 500 mRem during the length of the pregnancy. It should not exceed 50 mRem in any month during pregnancy.

Pregnancy and Radiation

- The effect of radiation exposure during pregnancy also depends on the gestational age of the fetus. The embryo/fetus is most susceptible to radiation during organogenesis (2nd to 7 weeks gestational age) and in the first trimester. The fetus is more resistant to the radiation during the second and third trimester.
- Even though the fetus is more resistant to the radiation during the second and third trimester, a high dose of radiation may result in adverse effects including miscarriage, growth reduction, IQ reduction, and severe mental retardation.

The Pregnancy Surveillance Program at UW Health/UW Madison

This program is voluntary and confidential and your declaration can be revoked at any time.

[Pregnancy Declaration Form](#)

Contact

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Resources

[Regulatory Guide 8.13](#)

[The Declared Pregnant Woman in Nuclear Medicine](#)

[Radiation Protection for the Pregnant Worker â€™ Nexus](#)

FAQs

This is an accordion element with a series of buttons that open and close related content panels.

Expand all Collapse all

Will my employer be notified after my pregnancy declaration?

After I declared my pregnancy in writing, can I revoke my declaration while still pregnant?

Why do I need to put a supervisor name on the declaration form?

What effect will formally declaring my pregnancy have on my job status?

Should I leave a room during the fluoroscopy procedure because I am pregnant?

Operating-room nurse and pregnant. What do I need to do to keep myself and my baby safe during my regular work?

Working in a Cath Lab and pregnant. What do I need to do to keep myself and my baby safe during my regular work?

What are the safety precautions when working with iodine-131 (^{131}I) if I am planning to become pregnant? If I am pregnant?

Is it safe for me to work with a dental handheld x-ray system (Nomad Pro 2)

while pregnant?

Do I need to have any special precautions when working with medical lasers (CO2 laser, Holmium:YAG or Pulse Dye) because I am pregnant?

Should I worry about working around non-ionizing radiation during pregnancy?

Can UVC emitting devices (fluorescent microscope, UVC lamps, etc.) be harmful to my fetus?

What safety precautions do I need to know about nuclear medicine and radiation exposure when working around patients who had an injection for a nuclear medicine bone scan.

Meeting patients whoâ€™ve had PET scans 48 hours before. Because I am pregnant what do I need to know about the exposure to the baby?

When working with patients who have been injected with Technetium-99m (99mTc), and I am pregnant what do I need to know about the exposure to the baby?

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Website feedback, questions or accessibility issues: ehs@wisc.edu.

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