

## Division of Nuclear Medicine Procedure / Protocol

### University Hospital, American Family Children's Hospital and The American Center

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#### DECLARATION OF PREGNANCY

#### POLICY

UPDATED: DECEMBER 2020

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#### **Rotation:**

Any Nuclear Medicine/Pharmacy Team member including Technologists, Technicians, Pharmacists, Residents, Fellows and MDs (radiation worker) who declare themselves pregnant will continue to be assigned normal weekly rotations including on-call.

#### **Pregnancy Declaration:**

- 1) Complete the Pregnancy Declaration Form. The link can be found at <https://ehs.wisc.edu/declaration-of-pregnancy-form/>
  - a) This Pregnancy and Surveillance program is voluntary and confidential. The program coordinator will not notify your immediate supervisor except as needed in 3c below.
  - b) After submitting the pregnancy declaration form, you will be contacted by the program coordinator, Yuliya Henes.
  - c) For questions on the form or additional information, please contact Yuliya Henes at [Yuliya.Henes@wisc.edu](mailto:Yuliya.Henes@wisc.edu)
- 2) Read Appendix B-1 and B-2 and B-3 of the UW-Madison Radiation Safety for Radiation Workers, August 2005 (<http://www.ehs.wisc.edu/rad/RadiationSafetyForRadiationWorkersTrainingManual.pdf>)
  - a) Appendix B-1: Instruction Concerning Prenatal Radiation Exposure, Radiation Safety for Radiation Workers Manual; can also be found at <https://ehs.wiscweb.wisc.edu/wp-content/uploads/sites/25/2017/01/appendixb-12005.pdf>.
  - b) Appendix B-2: Instruction Concerning Prenatal Radiation Exposure, Radiation Safety for Radiation Workers Manual; can also be found at <https://ehs.wiscweb.wisc.edu/wp-content/uploads/sites/25/2017/01/appendixb-22005.pdf>.
  - c) Appendix B-3: Instruction Concerning Prenatal Radiation Exposure, Radiation Safety for Radiation Workers Manual; can also be found at <https://ehs.wiscweb.wisc.edu/wp-content/uploads/sites/25/2017/01/appendixb-32005.pdf>.
- 3) The UWHC Health Physicist will issue an additional standard monthly personal dosimeter (to be worn at the abdomen) that will monitor fetal exposure. Badge reports come 6 weeks after the end of the month from the third-party dosimetry vendor and will be reviewed by the Office of Radiation Safety. Any monthly exposure readings during the pregnancy over 50 mR will result in an investigation by UWHC Health Physicist and/or Nuclear Medicine Manager;
  - a) Investigations may or may not result in actions to reduce exposure.
  - b) The maximum allowed being 500 mR/9 months.
  - c) If the accumulative exposure exceeds 300 mR by the 6 month badge report the investigation of the exposure could lead to the technologist being placed on reduced duty, if available, that does not involve care of patients who have been administered a radiopharmaceutical or go on paid time off using accrued vacation, holiday or comp time at the mutual agreement of the radiation worker and the Nuclear Medicine Manager or appropriate immediate supervisor.
- 4) Additional accommodations: If the radiation worker wants the following additional accommodations, it is the radiation worker's responsibility to notify the Nuclear Medicine Manager or appropriate immediate supervisor. The Nuclear Medicine Manager or appropriate immediate supervisor will notify the program coordinator that these accommodations are in effect.
  - a) Will not draw and/or administer any therapeutic radiopharmaceuticals or diagnostic Iodine-131.
  - b) Will not perform any post therapy procedures/scan or any diagnostic Iodine-131 procedures/scans.

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- c) Will not open packages containing any therapeutic radiopharmaceutical or any quantity of Iodine-131.

This policy is determined from long term follow-up of radiation dosimetry records for Nuclear Medicine that demonstrate no significant body doses to personnel, which is much less than NRC suggested maximum safe doses.

Based on a review of other hospital practices and policies, no other restrictions/exceptions are being applied. Refer to U-Connect for the most recent PPE requirement for care of isolation patients.

Reviewed By:

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