

 University Health™	Policy #:5.7
SUBJECT: Pregnancy Dose Calculation	Effective: 10/02 Reviewed: 10/16 Updated: 12/18
APPROVED BY: Radiology Director	Page 1 of 2

Pregnancy Dose Calculation

Purpose:

To define Radiology's role in calculating radiation dose in regards to imaging a known pregnant patient.

Policy:

1. The following information should be forwarded by email to the Medical Physicist. The email address is office@klsphysics.com
2. If the patient is involved in a fluoro procedure, the physicist will need to know the following:
 - a. Type exam
 - b. View
 - c. How many images directly exposed the fetus
 - d. Mag mode
 - e. Room number where exam was performed
 - f. How many images directly exposed the fetus
 - g. Was a shield used
 - h. Uterus in beam?
 - i. Fluoro time in minutes
 - j. Technique for fluoro (kVp, mA, and display dose)
 - k. Technique for images (kVp, mAs, and display dose)
3. If the patient is receiving plain radiographs, the physicist will need to know the following:
 - a. Type exam
 - b. View
 - c. Number of exposures
 - d. Field size
 - e. Gonadal shield used?
 - f. Uterus in beam?
 - g. Technique (kVp, mAs, SID, and display dose)
4. Additional information that must be completed on this document include the following:
 - a. Facility name
 - b. Patient ID number
 - c. Exam date
 - d. Fetal age in weeks
 - e. Patient height
 - f. Patient weight
 - g. Contact for this case
 - h. Contact phone number for this case
 - i. Contact fax number for this case
5. If there is any additional information needed or if you have questions regarding information requested, you may contact KLS at (318) 255-5033.

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6. A Variance Report is submitted only when a patient is radiographed and found to be pregnant afterwards.
7. Upon receiving the medical physicist report, copies must be scanned in EPIC/RIS and e-mailed to the following individuals below:
 - a. Patient's electronic medical record – scanned into EPIC/RIS
 - b. Ordering Physician – e-mail
 - c. Mark Randolph, Chair of Radiation Safety Committee – e-mail
 - d. Radiology Manager, Denise Brown – e-mail
 - e. Safety Director, Donell Chagnard – e-mail
 - f. Medical Director of Diagnostic Imaging, Dr. Alberto Carbo – e-mail
 - g. Radiology Director – Desiree Bell – e-mail