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 kilgore.charles@gmail.com
2. If the patient is involved in a fluoro procedure, the physicist will need to know the following:
   a. Fluoro time
   b. Mas
   c. Kvp
   d. Patient size (small, medium, large, extremely large)
   e. Room number where exam was performed
   f. How many images directly exposed the fetus
   g. Was a shield used
3. If the patient is receiving plain radiographs, the physicist will need to know the following:
   a. Mas readout if available
   b. If mas readout is not available please provide the following:
      i. Ma
      ii. Time
   c. Kvp
   d. Patient size
   e. Room number where exam was performed.
4. If there is any additional information needed or if you have questions regarding information requested, you may contact KLS at (318) 255-5033.
5. A Variance Report is submitted only when a patient is radiographed and found to be pregnant afterwards.
6. 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. Betty Johnson, Chair of Radiation Safety Committee – e-mail
   d. Radiology Manager, Denise Brown – e-mail
   e. Safety Officer, Karen Kafia – e-mail
   f. Medical Director of Diagnostic Imaging, Dr. Alberto Carbo – e-mail

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