



Teaching objectives

Module 11 Radiation dose management of pregnant patients, pregnant staff and paediatric patients in diagnostic and interventional radiology

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1. Assess and evaluate conceptus doses and radiogenic risks from diagnostic and interventional examinations performed on the mother
2. Assess, evaluate and minimize conceptus dose for pregnant staff working in an interventional suite
3. Assess and evaluate paediatric patient doses and radiogenic risks from diagnostic and interventional procedures
4. Manage exposure of pregnant patients requiring diagnostic and interventional procedures
5. Develop new optimized diagnostic and interventional radiology protocols for pregnant patients
6. Develop new optimized diagnostic and interventional radiology protocols for paediatric patients
7. Develop research protocols focused on conceptus and paediatric dosimetry using TLDs and anthropomorphic phantoms or Monte Carlo simulation and mathematical phantoms.

