

TABLE 1. Estimated fetal radiation exposure from selected procedures

Procedure	Fetal radiation exposure (rad)
Skull films	0.004
Dental films	0.0001
Chest radiograph, two views with shielding	0.00002–0.00007
Abdominal film, single	0.1
Hip film	0.2
Intravenous pyelogram	1.0–1.4
Upper gastrointestinal series	0.056
Barium enema or small bowel series	2.0–4.0
Computerized tomography (CT) scan of head or chest	<1
CT scan of abdomen and lumbar spine	2.6–3.5
Upper or lower extremity	0.001
Technetium lung scan	0.12–0.15
Technetium renal scan	0.1–0.33
Technetium bone scan	0.18–0.45
Technetium bleeding scan	0.2–0.47
Hepatobiliary HIDA scan	0.15
Ventilation-perfusion scan	0.215
Perfusion portion	0.175
Ventilation portion	0.040
Iodine (¹³¹ I), at fetal thyroid	590.0