

Radiation Exposure Dosage Algorithm

Examination	Effective Radiation Dose (uSv)	Equivalent Background Exposure
Panoramic	3 - 11	Half to One Day
Cephalogram	5 - 7	Half to One Day
Occlusal Film	5	Half Day
Bitewing Film	1 - 4	Half Day
TMJ	20 - 30	3 - 4 Days
Full Mouth	30 - 170	4 - 21 Days
CBVT Scan	40 - 135	4 - 17 days
Medical Imaging		
Chest X-ray	100	10 - 12 Days
Mammography	700	88 Days
Medical CT	8000	1000 Days

Data from: Health Protection Agency (www.hpa.org.uk), International Commission on Radiological Protection (www.icrp.org), ACR/RSNA (www.radiologyinfo.org), X-rays in Dentistry. JADA, 1982, 104(4), 438.