Chapter 14. The Commercial HRRT 14.2.7~14.2.17

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14.2.14 Radiation Dose to Patients for Transmission Measurement TLD (thermoluminescent dosimeter, 熱蛍光線量計)を用いての積算線量測定。 HR - ⁶⁸Ge rod source(~100Mbq) × 3 scan time : 18h (108 scans x 10min) HRRT - ¹³⁷Cs point source(740Bq) scan time : 217min(35 scans × 6.2min) TLD - A TLD – B mean Dose equivalent (mSv) (mSv) (mSv/TX) (mSv/MBq · h) HR 7.0 0.057 1.1 × 10⁻³ 5.3 HRRT 0.43 0.54 0.014 0.2 × 10⁻³















