

DOSE RATES in [Gy / min]

(calibration January 2024)

Xray tube parameters : 300 kV 10 mA

EX-VIVO irradiation

Dose Rate for Cu 0.5mm filter

	50 FSD	40 FSD	30 FSD	On PieCage
∅ 20	1.42 ± 0.02	2.21 ± 0.04	3.90 ± 0.14	6.80 ± 0.09
∅ 30	1.41 ± 0.06	2.15 ± 0.14	3.50 ± 0.97	--
∅ 40	1.38 ± 0.12	1.97 ± 0.62	2.49 ± 1.95	--
∅ 50	1.28 ± 0.43	--	--	--

IN VIVO irradiation

Dose Rate in pie cage

	1mmCu	Thoraeus (4mm Cu equivalent)
50 FSD	1.24 ± 0.03	0.686 ± 0.02