

Choosing the right parameters

DOSE RATE in [Gy min⁻¹]
(calibration July 2023)

For EX-VIVO irradiation
Dose Rate for Cu 0.5mm filter

	Filter :0.5mm Cu Beam : 300kV, 10mA		
	40 FSD	50 FSD	60 FSD Sample on top of pie cage
∅ 20	2.17 ± 0.03	3.97 ± 0.07	6.81 ± 0.10
∅ 30	2.15 ± 0.10	3.80 ± 0.28	--
∅ 40	2.09 ± 0.19	2.75 ± 1.87	--
∅ 50	1.71 ± 0.97	--	--

For IN VIVO irradiation
Dose Rate in pie cage

	1mmCu 300kV, 10mA [Gy min ⁻¹]	Thoraesus 300kV, 10mA [Gy min ⁻¹]
FSD 50	1.19 ± 0.24	0.669 ± 0.021