

Appendix B

S value [Gy/(MBq\*h)] for <sup>90</sup>Y locoregional treatment  
brain regions

	cavity volume 0.5 ml		cavity volume 4.2 ml		cavity volume 7.2 ml						cavity volume 14.1 ml		cavity volume 33.5 ml		cavity volume 65.4 ml		
	geometry 1 hypotesis 1	geometry 1 hypotesis 2 f=1	geometry 1 hypotesis 1	geometry 1 hypotesis 2 f=1	geometry 1 hypotesis 1	geometry 1 hypotesis 2 f=1	geometry 2 d = 2 mm	geometry 2 d = 3 mm	geometry 2 d = 4 mm	geometry 2 d = 5 mm	geometry 2 d = 6 mm	geometry 1 hypotesis 1	geometry 1 hypotesis 2 f=1	geometry 1 hypotesis 1	geometry 1 hypotesis 2 f=1	geometry 1 hypotesis 1	geometry 1 hypotesis 2 f=1
right eye	6.24E-08	8.60E-08	1.28E-07	7.57E-08	8.90E-08	8.14E-08	9.81E-08	1.12E-07	8.63E-08	9.24E-08	8.71E-08	8.40E-08	8.89E-08	7.60E-08	7.60E-08	9.25E-08	8.69E-08
left eye	6.00E-08	4.79E-08	5.81E-08	3.10E-08	4.03E-08	7.48E-08	6.22E-08	4.45E-08	6.68E-08	4.40E-08	6.06E-08	6.32E-08	6.03E-08	4.62E-08	4.62E-08	7.05E-08	6.98E-08
normal brain (right hemisphere)	3.78E-07	3.75E-07	4.18E-07	9.25E-07	2.97E-07	3.05E-07	3.05E-07	3.11E-07	3.11E-07	3.17E-07	3.30E-07	2.74E-07	2.88E-07	2.31E-07	2.31E-07	2.03E-07	2.18E-07
normal brain (left hemisphere)	1.43E-07	1.45E-07	1.47E-07	1.47E-07	1.45E-07	1.49E-07	1.45E-07	1.51E-07	1.49E-07	1.46E-07	1.46E-07	1.43E-07	1.50E-07	1.39E-07	1.39E-07	2.10E-07	1.39E-07
skull	2.23E-07	2.18E-07	2.26E-07	2.29E-07	2.25E-07	2.23E-07	2.27E-07	2.27E-07	2.28E-07	2.27E-07	2.29E-07	2.28E-07	2.32E-07	2.10E-07	2.10E-07	1.86E-07	2.07E-07
right optical nerve	2.23E-07	2.16E-07	1.02E-07	1.23E-07	1.26E-07	1.61E-07	1.20E-07	1.32E-07	1.04E-07	1.58E-07	1.03E-07	1.04E-07	1.07E-07	1.47E-07	1.47E-07	1.68E-07	1.05E-07
left optical nerve	4.30E-08	7.54E-08	4.64E-08	1.37E-07	7.92E-08	9.04E-08	4.76E-08	7.67E-08	6.50E-08	8.05E-08	9.31E-08	5.45E-08	9.41E-08	6.08E-08	6.08E-08	8.09E-08	6.76E-08