

Supplementary table S1: Parameters for the NTCP and TCP for the dose-response models

Parameters	TCP	NTCP _{TE}	NTCP _O	NTCP _M
Elective γ_{50}	0.36			
Elective P_0	0.695			
Elective D_{50}	17.0 Gy			
Boost γ_{50}	0.36			
Boost P_0	0.716			
Boost D_{50}	40.36 Gy			
Baseline		0.24	0.123	0.246
Odds ratio		2.95	2.21	1.45

Abbreviations: TCP = Tumor control Probability, NTCP = Normal tissue complication probability, TE = Task efficiency, O = Organization and M = Memory