

Table S1 Characteristics of the radiological metrological parameters and OAR in the two groups

Characteristics	PTV-G group (n=52)	PTV-C group (n=104)	P
Spinal cord Dmax (cGy)	3,621.51±958.54	3,753.14±664.50	0.43
MLD (cGy)	1,195.7±125.0	1,234.3±176.3	0.10
Lung V5 (%)	34.13±11.75	39.69±9.53	0.32
Lung V20 (%)	25.29±3.11	27.09±5.28	0.49
Lung V30 (%)	17.29±4.83	19.08±4.47	0.35
Heart V40 (%)	5.48±2.81	9.32±2.20	0.03
Heart V50 (%)	7.5±3.41	8.62±3.21	0.07
Heart Dmean (cGy)	984.60±171.32	1,008.48±147.12	0.91
Esophagus Dmean (cGy)	1,803.51±318.70	1,908.4±405.13	0.25
Esophagus V60 (%)	6.78±1.90	7.63±1.36	0.07
Median GTV volume (cm ³)	102.86 (18.2–232.1)	98.51 (12.9–307.64)	0.67
GTVmin dose (cGy)	5,751.26±1,426.22	5,828.24±1,376.25	0.07
GTVmax dose (cGy)	6,020.1±883.15	6,178.76±758.00	0.06
PTV volume (cm ³)	262.10 (83.64–742.87)	298.05 (56.30–883.78)	0.28

Data are presented as mean ± standard deviation or median (range). Dmax, maximum dose; Dmean, mean dose; GTV, gross tumor volume; GTVmax, maximum GTV; GTVmin, minimum GTV; MLD, mean lung dose; OAR, organs at risk; PTV, planned target volume; PTV-C, planned target-clinical target volume; PTV-G, planned target volume-gross target.