

SUPPLEMENTARY FILES

Table

Clinical goals in stereotactic body radiotherapy, 15Gy x 3

Structure	Clinical Goal	Priority
PTV	$D_{99\%} > 45.0 \text{ Gy}$	High
	$CI > 0.88 \text{ at } 45\text{Gy}$	Low
Spinal canal	$D_{0.00\text{cc}} < 21,9 \text{ Gy}$	High
	$D_{1.20\text{cc}} < 12.3 \text{ Gy}$	High
Trachea	$D_{0.00\text{cc}} < 30.0 \text{ Gy}$	High
	$D_{4.00\text{cc}} < 15.0 \text{ Gy}$	High
Bronchus main	$D_{4.00\text{cc}} < 15.0 \text{ Gy}$	High
	$D_{0.00\text{cc}} < 30.0 \text{ Gy}$	High
Esophagus	$D_{0.00\text{cc}} < 25,2 \text{ Gy}$	Medium
	$D_{5\text{cc}} < 17,7 \text{ Gy}$	Medium
Great vessel	$D_{10,00\text{cc}} < 39.0 \text{ Gy}$	Medium
	$D_{0.00\text{cc}} < 45.0 \text{ Gy}$	Medium
Heart	$D_{0.00\text{cc}} < 30.0 \text{ Gy}$	Medium
	$D_{15,00\text{cc}} < 24.0 \text{ Gy}$	Medium
Chest wall	$V_{30\text{Gy}} < 30 \text{ cm}^3$	Low
Contralateral lung	$V_{4,50\text{Gy}} < 26 \%$	Low

	$D_{\text{mean}} < 3.6$	Low
External	$D_{2,00\text{cc}} < 63.0 \text{ Gy}$ $D_{0,00\text{cc}} < 67.5 \text{ Gy}$	Low Low
Ribs	$D_{2,00\text{cc}} < 27 \text{ Gy}$ $D_{0,00\text{cc}} < 53.8 \text{ Gy}$	Low Low
Skin	$D_{10,00\text{cc}} < 22.5 \text{ Gy}$ $D_{0,00\text{cc}} < 24.0 \text{ Gy}$	Low Low

Abbreviations: CTV, clinical target volume; CI, Conformity index; $D_{15\text{cc}}$, maximum dose administered to a 15cm^3 volume; $D_{5\text{cc}}$, maximum dose administered to a 5 cm^3 volume; $D_{0,00\text{cc}}$, maximum dose administered to a $0,00\text{cm}^3$ volume; $D_{1,20\text{cc}}$, maximum dose administered to a $1,20\text{cm}^3$ volume; $D_{4,00\text{cc}}$, maximum dose administered to a $4,00\text{cm}^3$ volume; $D_{5,00\text{cc}}$, maximum dose administered to a $5,00\text{cm}^3$ volume; $D_{10,00\text{cc}}$, maximum dose administered to a $10,00\text{cm}^3$ volume; $D_{15,00\text{cc}}$, maximum dose administered to a $15,00\text{cm}^3$ volume; $D_{2\%}$, maximum dose administered to 2% of volume; $D_{99\%}$, dose to 99% of the target volume; D_{mean} , mean dose, GTV, gross tumour volume; PTV, planning target volume; $V_{20\text{Gy}}$, organ volume receiving $> 20 \text{ Gy}$; $V_{30\text{Gy}}$, organ volume receiving $> 30 \text{ Gy}$; $V_{4.5\text{Gy}}$, organ volume receiving $> 4.5 \text{ Gy}$.