

ADDITIONAL FILE 1:

DVH data collection table: Organ at risk and target volume DVH parameters assessed by treatment site

Primary Disease Site	Prescribed Dose	Organ at Risk	Dose parameters assessed
Rectum (n=24)	60Gy/30fx (n=1)	GTV	D95%
	50.4Gy/28fx (n=1)	CTV high	D95%
	50Gy/25fx (n=22)	CTV low	D95%
		PTV high	D2%
			D95%
		PTV low	D2%
			D95%
		Small Bowel	D2%
			D20%
		Bladder	D20%
			D40%
		Right Neck of Femur	D40%
	D25%		
Left Neck of Femur	D40%		
	D25%		
Anal Canal (n=4)	54Gy/30fx (n=2)	GTV	D95%
	50.4Gy/28fx (n=1)	CTV high	D95%
	50Gy/25fx (n=1)	CTV low	D95%
		PTV boost (n=1)	D2%
			D95%
		PTV high	D2%
			D95%
		PTV low	D2%
	D95%		

		Small Bowel	D2%
			D20%
		Bladder	D20%
			D50%
		Right Neck of Femur	D50%
		Left Neck of Femur	D50%
		Genitalia	V50%
Cervix (n=8)	55Gy/25fx (n=1)	CTV high	D95%
	50Gy/25fx (n=4)	CTV low	D95%
	45Gy/25fx (n=3)	PTV boost (n=1)	D95%
		PTV high	D2%
			D10%
			D95%
		PTV low	D2%
			D95%
		Small Bowel	D2%
			D20% (n= 3)
			D25% (n= 5)
		Bladder	D20%
			D35%
		Right Neck of Femur	D25%
		Left Neck of Femur	D25%
		Rectum	D20%
			D60%
Endometrium	54Gy/30fx (n=1)	CTV high	D95%
(n=4)	50Gy/25fx (n=1)	CTV low	D95%

45Gy/25fx (n=2)	PTV high	D2%
		D10%
		D95%
	PTV low	D2%
		D95%
	Small Bowel	D2%
		D25%
	Bladder	D20%
		D35%
	Right Neck of Femur	D25%
Left Neck of Femur	D25%	
Rectum	D20%	
	D60%	

PTV High = Planning target volume higher prescribed dose, PTV High Boost = Planning target volume dose escalation region, PTV Low = Planning target volume lower prescribed dose, GTV= Gross tumour volume, CTV High = Clinical target