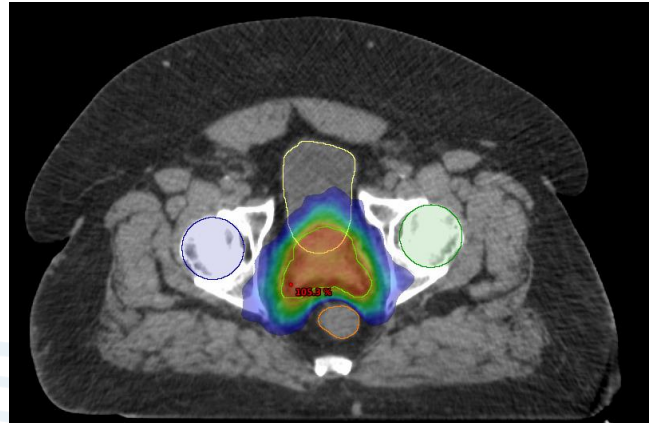


Prostate - UC San Diego

Version	Published
1	November 4, 2016



Training Set Description		
Number of training plans		105
Number of VMAT arcs		2
CTV – PTV margin		3mm post, 7mm else
Number of cases in OAR DVH model	Bladder	98
	Femur_L	96
	Femur_R	99
	PenileBulb	98
	Rectum	100

Model Structure	Code	Objective	Volume (%)	Dose (% or Gy)	Priority
PTV	PTV_High	Upper	10%	102%	100
		Upper	0%	103%	150
		Lower	100%	97%	150
		Lower	98%	100%	150
Bladder	15900	Upper	Generated	95%	80
		Upper	Generated	50%	80
		Upper	Generated	25%	30
		Line	Generated	Generated	Generated
Femur_L	24475	Line	Generated	Generated	Generated
Femur_R	24474	Line	Generated	Generated	Generated
PenileBulb	19614	Line	Generated	Generated	Generated
Rectum	14544	Upper	0%	100%	150
		Upper	Generated	95%	100
		Upper	Generated	75%	90
		Upper	Generated	50%	90
		Upper	Generated	25%	80
		Upper	Generated	10%	50
		Line	Generated	Generated	70

Notes:

- Mix of Prostate and Prostate + Seminal Vesicle targets – no noticeable effects of combining these slightly distinct anatomical targets
- Most training plans were to 180cGy x 45 = 8100 cGy, but some were boosts on top of Pelvis or Prostate + Seminal Vesicle plans

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