

Constraints Template

Template Name

TG101_1Fx

TG101_1Fx Prescriptions

Use TPS Plan Total Dose as 100%

TG101_1Fx Constraints

Priority	Structure Template	Aliases	Type	Prescription	Constraint Type	Constraint	Comment
1	PTV	PTV.*	Target	Default: 1800cGy	DoseSpill	DSV105%<15%	SB Constraint
2	A_Aorta		Oar		Dose	D0.035cc<3700cGy	
3	A_Aorta		Oar		Dose	D10cc<3100cGy	
4	Bladder_Wall		Oar		Dose	D0.035cc<1840cGy	
5	Bladder_Wall		Oar		Dose	D15cc<1140cGy	
6	BrachialPlex		Oar		Dose	D0.035cc<1750cGy	
7	BrachialPlex		Oar		Dose	D3cc<1400cGy	
8	Brainstem		Oar		Dose	D0.035cc<1500cGy	
9	Brainstem		Oar		Dose	D0.5cc<1000cGy	
10	Bronchus		Oar		Dose	D0.035cc<1330cGy	
11	Bronchus		Oar		Dose	D0.5cc<1240cGy	
12	Bronchus_Main		Oar		Dose	D0.035cc<2020cGy	
13	Bronchus_Main		Oar		Dose	D4cc<1050cGy	
14	CaudaEquina		Oar		Dose	D0.035cc<1600cGy	
15	CaudaEquina		Oar		Dose	D5cc<1400cGy	
16	Cochlea_L		Oar		Dose	D0.035cc<900cGy	
17	Cochlea_R		Oar		Dose	D0.035cc<900cGy	
18	Colon		Oar		Dose	D0.035cc<1840cGy	
19	Colon		Oar		Dose	D20cc<1430cGy	

Priority	Structure Template	Aliases	Type	Prescription	Constraint Type	Constraint	Comment
20	Duodenum	Oar		Dose		D0.035cc<1240cGy	
21	Duodenum	Oar		Dose		D5cc<1120cGy	
22	Duodenum	Oar		Dose		D10cc<900cGy	
23	Esophagus	Oar		Dose		D0.035cc<1540cGy	
24	Esophagus	Oar		Dose		D5cc<1190cGy	
25	Eye_L	Oar		Dose		D0.035cc<1000cGy	
26	Eye_L	Oar		Dose		D0.2cc<800cGy	
27	Eye_R	Oar		Dose		D0.035cc<1000cGy	
28	Eye_R	Oar		Dose		D0.2cc<800cGy	
29	Femur_Head_L	Oar		Dose		D10cc<1400cGy	
30	Femur_Head_R	Oar		Dose		D10cc<1400cGy	
31	GreatVes	Oar		Dose		D0.035cc<3700cGy	
32	GreatVes	Oar		Dose		D10cc<3100cGy	
33	Heart	Oar		Dose		D0.035cc<2200cGy	
34	Heart	Oar		Dose		D15cc<1600cGy	
35	Ileum	Oar		Dose		D0.035cc<1540cGy	
36	Ileum	Oar		Dose		D5cc<1190cGy	
37	Jejunum	Oar		Dose		D0.035cc<1540cGy	
38	Jejunum	Oar		Dose		D5cc<1190cGy	
39	Kidney_Cortex	Oar		MinVolumeSpared		MVS840cGy>200cc	
40	Kidney_Hilum	Oar		Dose		D66%<1060cGy	
41	Kidney_Hilum	Oar		Dose		D0.035cc<1860cGy	
42	Liver	Oar		MinVolumeSpared		MVS910cGy>700cc	
43	Lungs	Oar		MinVolumeSpared		MVS700cGy>1500cc	
44	Lungs	Oar		MinVolumeSpared		MVS740cGy>1000cc	
45	OpticChiasm	Oar		Dose		D0.035cc<1000cGy	
46	OpticChiasm	Oar		Dose		D0.2cc<800cGy	
47	OpticNrv_L	Oar		Dose		D0.035cc<1000cGy	
48	OpticNrv_L	Oar		Dose		D0.2cc<800cGy	

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49	OpticNrv_R		Oar		Dose	D0.035cc<1000cGy	
50	OpticNrv_R		Oar		Dose	D0.2cc<800cGy	
51	PenileBulb		Oar		Dose	D0.035cc<3400cGy	
52	PenileBulb		Oar		Dose	D3cc<1400cGy	
53	Pericardium		Oar		Dose	D0.035cc<2200cGy	
54	Pericardium		Oar		Dose	D15cc<1600cGy	
55	Rectum		Oar		Dose	D0.035cc<1840cGy	
56	Rectum		Oar		Dose	D20cc<1430cGy	
57	Rib		Oar		Dose	D0.035cc<3000cGy	
58	Rib		Oar		Dose	D1cc<2200cGy	
59	SacralPlex		Oar		Dose	D0.035cc<1600cGy	
60	SacralPlex		Oar		Dose	D5cc<1440cGy	
61	Skin		Oar		Dose	D0.035cc<2600cGy	
62	Skin		Oar		Dose	D10cc<2300cGy	
63	SpinalCord		Oar		Dose	D0.035cc<1400cGy	
64	SpinalCord		Oar		Dose	D0.35cc<1000cGy	
65	SpinalCord		Oar		Dose	D1.2cc<700cGy	
66	SpinalCord~_Prt		Oar		Dose	D0.035cc<1400cGy	
67	SpinalCord~_Prt		Oar		Dose	D10%<1000cGy	
68	Stomach		Oar		Dose	D0.035cc<1240cGy	
69	Stomach		Oar		Dose	D10cc<1120cGy	
70	Trachea		Oar		Dose	D0.035cc<2020cGy	
71	Trachea		Oar		Dose	D4cc<1050cGy	
72	V_Venacava_S		Oar		Dose	D0.035cc<3700cGy	
73	V_Venacava_S		Oar		Dose	D10cc<3100cGy	

Template Notes