

Supplementary Table S1. Normal tissue constraints for treatment plans

Structure	Constraints
Spinal cord	maximum dose <45Gy
Kidney	mean dose (bilateral) <18Gy, for patients with two normally functioning kidneys, the dose to 67% of the right kidney and 34% of the left kidney must be <18 Gy; for patients with only one functioning kidney, 15% of the volume of that kidney must receive <18 Gy and 30% must receive <14 Gy.
Liver	V30 <60% mean dose <30Gy
Small intestine	V50<10%, V45<15%