

15% recovery per year									
Months		6	12	18	24	30	36	42	48
Small bowel	Dmax 0.5 <	21.0	22.4	23.7	25.0	26.2	27.4	28.5	29.6
	D10cc <	ALARP	2.1	6.2	9.1	11.6	13.7	15.6	17.4
Large Bowel / Rectum (10cc)	Dmax 10cc<	6.5	9.7	12.5	15.0	17.3	19.4	21.4	23.3
Bladder	Dmax 0.5 <	25.4	26.6	27.8	28.9	30.0	31.0	32.1	33.1
Ureter	Dmax 0.5 <	34.7	35.6	36.5	37.4	38.3	39.2	40.0	40.8
Penile Bulb	Dmax 0.5 <	40.8	41.6	42.4	43.2	44.0	44.7	45.5	46.2
	D3cc <	12.3	14.4	16.2	17.9	19.5	21.0	22.4	23.7
Femoral Head	D10cc <	8.3	11.0	13.4	15.5	17.5	19.3	21.0	22.6
Skin	Dmax 0.5 <	27.5	28.6	29.7	30.8	31.8	32.8	33.8	34.8
	D10cc <	23.2	24.5	25.8	27.0	28.1	29.2	30.3	31.4
Cauda equina / lumbrosacral plexus	Dmax 0.5 <	12.6	14.8	16.8	18.7	20.4	22.0	23.6	25.1
	D5cc <	8.3	11.0	13.4	15.5	17.5	19.3	21.0	22.6
30% recovery 6-24 months, 50% recovery >24 months									
Months		6	12	18	24	30	36	42	48
Small bowel	Dmax 0.5 <	25.0	25.0	25.0	25.0	28.2	28.2	28.2	28.2
	D10cc <	9.1	9.1	9.1	9.1	15.0	15.0	15.0	15.0
Large Bowel / Rectum (10cc)	Dmax 10cc<	15.0	15.0	15.0	15.0	20.7	20.7	20.7	20.7
Bladder	Dmax 0.5 <	28.9	28.9	28.9	28.9	31.7	31.7	31.7	31.7
Ureter	Dmax 0.5 <	37.4	37.4	37.4	37.4	39.7	39.7	39.7	39.7
Penile Bulb	Dmax 0.5 <	43.2	43.2	43.2	43.2	45.2	45.2	45.2	45.2
	D3cc <	17.9	17.9	17.9	17.9	21.9	21.9	21.9	21.9
Femoral Head	D10cc <	15.5	15.5	15.5	15.5	20.5	20.5	20.5	20.5
Skin	Dmax 0.5 <	30.8	30.8	30.8	30.8	33.5	33.5	33.5	33.5
	D10cc <	27.0	27.0	27.0	27.0	30.0	30.0	30.0	30.0
Cauda equina / lumbrosacral plexus	Dmax 0.5 <	18.7	18.7	18.7	18.7	23.1	23.1	23.1	23.1
	D5cc <	15.5	15.5	15.5	15.5	20.5	20.5	20.5	20.5

**Supplementary Table One:** dose constraints under different recovery estimates strategies from previous 50Gy EQD2 irradiation.