

**Supplementary File 2: equivalent dose limits for organs at risk**

Structure	Volume (cc)	EQD2 $\alpha/\beta = 3$ (Gy)	Comments
Small Bowel (loops) <sup>1,2,3</sup>	0.5	70	Constraint
	10	40	Aim
Large Bowel (loops)	0.5	60.16	Constraint, excluding the sigmoid lying in the course of the bowel within 2 cm of GTV
Bladder <sup>1,4</sup>	0.5	80.56	Constraint
Plexus Sacral <sup>1,4</sup>	0.1	60.16	Constraint
	5	54	Constraint

For the vagina no formal constraints exists, though we will try to limit the dose to this organ.

Patients will receive instructions for the use of dilators after radiotherapy.

<sup>1</sup> UK SABR consortium 2019. Stereotactic Ablative Body Radiation Therapy (SABR): A Resource version 6.1

<sup>2</sup> ABC-07 Addition of stereotactic body radiotherapy to systemic chemotherapy in locally advanced biliary tract. Cancer Research UK. [Accessed: 06.01.16]; Available from: <http://www.cancerresearchuk.org/about-cancer/find-a-clinical-trial/a-trial-looking-chemotherapy-stereotactic-radiotherapy-people-locally-advanced-bile-duct-cancer-abc-07> -undefined.

<sup>3</sup> A trial looking at stereotactic body radiotherapy before surgery for pancreatic cancer (SPARC). Cancer Research UK. [Accessed: 14.12.16]; Available from: <http://www.cancerresearchuk.org/about-cancer/find-a-clinical-trial/a-trial-looking-at-stereotactic-body-radiotherapy-before-surgery-for-pancreatic-cancer-sparc> -undefined.

<sup>4</sup> Benedict SH, Yenice KM, Followill D, et al. Stereotactic body radiation therapy: the report of AAPM Task Group 101. *Med Phys.* 2010;37(8):4078-101