

Supplementary

Table S1 Normal tissue constraints for 3-fraction SBRT

Organ	Volume	Dose
Spinal cord	Any point	21 Gy (7 Gy per fraction)
Esophagus	Any point	27 Gy (9 Gy per fraction)
Stomach	<2 cc	24 Gy (8 Gy per fraction)
	Any point	30 Gy (10 Gy per fraction)
Heart/pericardium	Any point	30 Gy (10 Gy per fraction)
Liver	>700 cc	<17 Gy (5.66 Gy per fraction)
Duodenum	<2 cc	24 Gy (8 Gy per fraction)
	Any point	30 Gy (10 Gy per fraction)
Jejunum/ileum	<2 cc	24 Gy (8 Gy per fraction)
	Any point	30 Gy (10 Gy per fraction)
Total kidney	>200 cc	<15 Gy (5 Gy per fraction)
Skin	Any point	24 Gy (8 Gy per fraction)

SBRT, stereotactic body radiation therapy.

Table S2 Treatment parameters, toxicity, and disease outcomes for all patients

Patient	Induction chemo-therapy	RT		Acute toxicity within 30 days	Late GI toxicity	Disease status (mo)		
		Dose (Gy)	V100% to GTV, PTV			Local failure	Distant failure	Death
1	Gem ×2	30	98.7, 88.2	–	Grade 3	7	7	7
2	Gem ×12	30	99.7, 93.7	Grade 1 nausea	Grade 3	–	–	12
3	FFX ×5	30	97.5, 81.9	–	–	–	22	95
4	FFX ×6	37.5	94.7, 72.7	Grade 2 nausea	–	–	4	13
5	FFX ×2, Gem ×3	37.5	95.2, 70.8	Grade 2 nausea	–	–	4	11
6	FFX ×4	37.5	86.0, 66.5	Grade 2 nausea	–	14	14	19
7	FFX ×4	45	92.6, 82.1	Grade 2 nausea	–	3	–	7
8	FFX ×12	45	97.2, 75.5	Grade 2 nausea	–	29	12	37
9	FFX ×10	45	98.8, 86.6	–	–	4	15	19
10	FFX ×12	45	91.6, 79.5	–	–	19	7	19
11	FFX ×12	45	89.1, 74.4	Grade 2 GI	Grade 4	–	2	12
12	FFX ×1, FOLFOX ×6	45	90.9, 71.2	Grade 2 nausea	–	5	5	6
13	FFX ×12	45	100, 87.8	–	–	19	47	50
14	FFX ×4	45	90.5, 67.0	–	Grade 5	–	–	7
15	FFX ×12	45	90.4, 84.6	Grade 2 nausea	–	19	–	21

V100% indicates the percent volume of the GTV or PTV which received the full prescription dose. RT, radiation therapy; GTV, gross tumor volume; PTV, planning target volume; GI, gastrointestinal; mo, months; Gem, gemcitabine; FFX, FOLFIRINOX.