

APPENDIX. Treatment details.*

		Neoadjuvant therapy (n = 216)					
		Elderly patients (n = 74)			Non-elderly patients (n = 142)		
		Whole cohort	CRT (n = 21)	RT alone (n = 53)	Whole cohort	CRT (n = 136)	RT alone (n = 6)
RT technique	Conformal	51 (68.9%)	17 (81.0%)	34 (64.2%)	98 (69.0%)	96 (70.6%)	2 (33.3%)
	IMRT	2 (2.7%)	1 (4.8%)	1 (1.9%)	6 (4.2%)	6 (4.4%)	0
	VMAT	21 (28.4%)	3 (14.3%)	18 (34.0%)	38 (26.8%)	34 (25.0%)	4 (66.7%)
RT dose (equivalent dose in 1.8 Gy fractions)	45 Gy	6 (8.1%)	0	6 (11.3%)	4 (2.8%)	4 (2.9%)	0
	>45 Gy	68 (91.9%)	21 (100%)	47 (88.7%)	138 (97.2%)	132 (97.1%)	6 (100%)
Duration of radiation	≤6 weeks	66 (89.2%)	19 (90.5%)	47 (88.7%)	127 (89.4%)	123 (90.4%)	4 (66.7%)
	>6 weeks	8 (10.8%)	2 (9.5%)	6 (11.3%)	15 (10.6%)	13 (9.6%)	2 (33.3%)
Chemotherapy agent	5-FU	20 (27.0%)	20 (95.2%)	-	129 (90.8%)	129 (94.9%)	-
	Capecitabine	1 (1.4%)	1 (4.8%)	-	7 (4.9%)	7 (5.1%)	-
Chemotherapy dose	Full	-	15 (71.4%)	-	-	117 (86.0%)	-
	Reduced	-	6 (28.6%)	-	-	19 (14.0%)	-
		Surgery (n = 186)					
		Elderly patients (n = 58)			Non-elderly patients (n = 128)		
		Whole cohort	CRT (n = 18)	RT alone (n = 40)	Whole cohort	CRT (n = 123)	RT alone (n = 5)
Time to surgery after completion of RT	≤10 weeks	51 (87.9%)	16 (88.9%)	35 (87.5%)	104 (81.3%)	101 (82.1%)	3 (60.0%)
Surgery technique	Abdominoperineal resection	15 (25.9%)	1 (5.6%)	14 (35.0%)	38 (29.7%)	37 (30.1%)	1 (20.0%)
	LAR/AR	43 (74.1%)	17 (94.4%)	26 (65.0%)	90 (70.3%)	86 (69.9%)	4 (80.0%)
Plane of resection	Mesorectal	53 (91.4%)	17 (94.4%)	36 (90.0%)	116 (90.6%)	111 (90.2%)	5 (100%)
	Intra-mesorectal	5 (8.6%)	1 (5.6%)	4 (10.0%)	12 (9.4%)	12 (9.8%)	0
		Postoperative chemotherapy (n = 27)					
		Elderly patients (n = 6)			Non-elderly patients (n = 21)		
		Whole cohort	CRT (n = 3)	RT alone (n = 3)	Whole cohort	CRT (n = 21)	RT alone (n = 0)
Chemotherapy agent	CAPOX	1 (16.7%)	1 (33.3%)	0	7 (33.3%)	7 (33.3%)	-
	Capecitabine	4 (66.7%)	1 (33.3%)	3 (100%)	7 (33.3%)	7 (33.3%)	-
	5-FU	1 (16.7%)	1 (33.3%)	0	7 (33.3%)	7 (33.3%)	-

Abbreviations: 5-FU = 5-fluorouracil; AR = anterior resection; CRT = chemoradiotherapy; IMRT = intensity-modulated radiotherapy; LAR = low anterior resection; RT = radiotherapy; VMAT = volumetric modulated arc therapy.

* Data are shown as No. (%).