

Supplementary material for Zilli T. et al. Dose-adapted salvage radiotherapy after radical prostatectomy based on an erMRI target definition model: Toxicity analysis, *Acta Oncologica*, 2013;53:96–102.

Supplementary Table I. Comparative late toxicity results of SRT series.

Reference	N	Median FU (months)	RT technique	Median RT dose (Gy)	Pelvic RT (%)	ADT use (%)	Toxicity scale	Late toxicity grade ≥ 2 (%)		Late toxicity grade ≥ 3 (%)	
								GU	GI	GU	GI
Neuhof et al. [17]	171	39	3D-CRT	63	0	29	RTOG	13.4 ^a	NR	4.7 ^a	0
Feng et al. [13]	777	55	2D-RT/ 3D-CRT	64	22	15	RTOG	11.2 ^a	4.7 ^a	1.2 ^a	0.7 ^a
Chawla et al. [11]	54	45	2D-RT	64.8	0	0	RTOG	13 ^a	NR	3.7 ^a	0
Wiegel et al. [19]	162	41.5	3D-CRT	66 (90%)	0	0	RTOG	3.7 ^a	3.1 ^a	2.4 ^a	0
Jerezek-Fossa et al. [15]	173	30	3D-CRT	70	0	55.5	RTOG	4.8 ^a /10.6 ^b	6.6 ^a	0.6 ^a	0.6 ^a
Goenka et al. [14]	285	60	3D-CRT (38%)/ IMRT (62%)	<70 (38%) ≥ 70 (72%)	7	30	CTCAE	17 ^b	5.2 ^b	NR	1.4 ^a
Kruser et al. [16]	108	32.4	IMRT/HT	65 (26 fx) ^c	0	17	RTOG/Fox Chase	15 ^a	4 ^a	0	0
Cozzarini et al. [12]	186	92	2D-RT/ 3D-CRT	≤ 72 (59%) > 72 (41%)	17	67	CTCAE	23.7 ^c	NA	6 ^c	NA
Ost et al. [15]	136	60	IMRT	76	0	71	In-house scale	22 ^b	8 ^b	3 ^a	1.3 ^a
Current series	109	47	3D-CRT (93%)/ IMRT (7%)	64 (25%) 74 (75%)	22	20	RTOG	16.1 ^d	12.9 ^d	3.6 ^a 8.5 ^a	0 ^a 2.4 ^a

ADT, androgen deprivation therapy; CTCAE, Common Terminology Criteria for Adverse Event toxicity scale; FU, follow-up; GI, gastrointestinal; GU, genitourinary; HT, helical tomotherapy; IMRT, intensity-modulated radiotherapy; NA, not assessed; NR, not reported; RTOG, Radiation Therapy Oncology Group; 3D-CRT, three-dimensional conformal radiotherapy.

^aCrude value; ^b5-year actuarial risk; ^c8-year actuarial risk; ^d4-year actuarial risk; ^eNormalized total dose in 2-Gy fraction = 71.5 Gy ($\alpha/\beta = 3$ Gy for late responding tissues).