

Supplementary Material

Table: Details (e.g., number of patients (Pts), T1 tumor portion, prescription (Rx) dose, the number of fraction (nfx), the Rx dose to isocenter dose correction factor, elapsed treatment days , and 1-, 2-, 3- and 5-year TCP data used in this analysis. (UNS=unspecified)

Study	Pts	T1 portion	Rx Dose (Gy)	nfx	correction factor	Elapsed Days	1yr TCP	2yr TCP	3yr TCP	5yr TCP
Cheung 2002	33	0.55	48	12	1	16.2	0.84	0.71	0.63	
Onimaru 2003	13	1	60	8	1	14	1.00	1.00	1.00	
	32	0	48	8	1	14	0.86	0.77	0.70	
Nagata 2005	32	1	48	4	1	12	1.00	1.00	0.95	0.95
	13	0	48	4	1	12	1.00	1.00	1.00	1.00
Zimmerman 2005	30	0.17	37.5	3	0.6	7	1.00	0.87		
Xia 2006	25	0.42	50	10	0.5	14	0.96	0.96	0.96	
Timmerman 2006	70	0.5	63	3	0.8	10	0.99	0.95	0.77	
Baumann 2006	56	1	40.2	3	0.65	10	1.00	1.00	1.00	0.89
	85	0	40.2	3	0.65	10	0.97	0.89	0.74	0.74
Hoyer 2006	40	0.45	45	3	1	6.5	0.92	0.86		
Koto 2007	19	1	45	3	1	7	0.94	0.78	0.78	0.78
	12	0	60	8	1	14	0.91	0.60	0.40	0.40
Hof 2007	32	0.40	27.6	1	1	1	1.00	0.72	0.50	

Salazar 2008	45	1	40	4	0.75	21			1.00	
	15	0	40	4	0.75	21			0.93	
Fritz 2008	40	0.55	30	1	1	1	1.00	0.96	0.82	
Onimaru 2008	18	1	48	4	1	7	1.00	0.85	0.64	
Bauman 2009	57	0.70	45	3	0.67	5			0.92	
Voort van Zyp 2009	11	0.56	45	3	0.8	5	1.00	0.78		
	35	1	60	3	0.8	5	1.00	1.00		
	24	0	60	3	0.8	5	0.89	0.89		
McCammon 2009	105	UNS	58.3	3	0.85	5	1.00	0.89	0.89	
	59	UNS	45	3	0.85	5	0.89	0.69	0.60	
	82	UNS	28	3	0.85	5	0.41	0.14	0.08	
Kopek 2009	88	0.58	51.6	3	1	7	0.97	0.89	0.89	
Takeda 2009	38	1	50	5	0.8	UNS	0.93	0.93	0.93	
	25	0	50	5	0.8	UNS	0.96	0.96	0.96	
Stephans 2009	56	0.75	50	5	1	7	0.98	0.94	0.94	
Timmerman 2010	55	0.8	54	3	0.99	12			0.98	
Dunlap 2010	27	1	60	4	0.95	UNS	0.90	0.90		
	13	0	55	4	0.95	UNS	0.70	0.70		
Ricardi 2010	62	0.69	45	3	0.8	7	0.98	0.93	0.88	
Bradley 2010	91	0.64	54	3	0.95	7	0.94	0.86	0.86	

Videtic 2010	26	0.79	50	5	0.95	5	1.00	0.94	0.94	
Haasbeek 2010	193	0.58	60	5	0.8	10	0.98	0.94	0.89	
Bral 2011	40	0.65	60	3	0.9	10	0.97	0.84		
Nath 2011	46	0.62	48	4	1	UNS		0.95		
Mohammad 2011	36	0.67	52	4.3	0.8	11	1.00			
Matsuo 2011	101	0.72	48	4	1	10	0.98	0.90	0.87	0.87
Soliman 2011	75	1	50	12.5	1	12.5	0.90	0.83	0.83	0.77
	43	0	50	12.5	1	12.5	0.75	0.67	0.61	0.61
Olsen 2011	111	0.77	54	3	0.95	8	0.99	0.91		
	11	0.55	50	5	0.95	14	1.00	1.00		
Westover 2012	15	0.9	45	3	0.95	4	1.00	1.00		
Grills 2012	505	0.63	54	3	UNS	8		0.94	0.91	
Rowe 2012	47	0.47	50	4	0.9	UNS	1.00	0.94		
Bibault 2012	51	0.61	60	3	0.83	UNS	0.92	0.86		
Clarke 2012	82	0.71	52.2	4.4	0.95	9.2		0.90		
Trakul 2012	35	0.31	50	4	UNS	UNS	0.93	0.93	0.93	
Yung 2012	60	0.58	58.3	20	1	28	0.94	0.92	0.86	0.80
Shirata 2012	45	0.78	48	4	0.9	4	1	1	1	1
	29	0.78	60	8	0.9	10	0.97	0.97	0.82	0.82
Inoue 2013	109	0.72	42.2	4	1	6	0.95	0.88	0.81	0.78
Duncker-Rohr 2013	26	UNS	35.6	4.2	0.6	UNS	0.95	0.95	0.95	

Robinson 2013	78	0.72	54	3	0.84	UNS	1.00	0.95	0.95	0.95
Baschnagel 2013	32	UNS	58.1	5.2	0.8	12	0.97	0.92	0.85	
Bush 2013	24	1	60	10	0.95	14	1.00	1.00	0.86	
	11	1	70	10	0.95	14	1.00	0.91	0.91	
	32	0	60	10	0.95	14	0.85	0.68	0.68	
	15	0	70	10	0.95	14	1.00	1.00	0.75	
Lucas 2014	81	1.00	54	3	1	5	0.99	0.93	0.88	0.67
Chang 2014	82	0.80	50	4	0.9	4	0.98	0.98	0.97	0.97