

**Appendix Table 1.** Data on positions and doses of inference points adopted in 2D-BT

Patient No.	Inference points	Fractions	Dose/fractions
1	(2, 2)	F1-F3	18 Gy/3 fx.
2	(2, 2)	F1-F5	30 Gy/5 fx.
3	(2, 2)	F1-F5	30 Gy/5 fx.
4	(2, 1)	F1-F2	8 Gy/2 fx.
5	(2, 2)	F1, F3	11 Gy/2 fx.
	(-2, 2)	F2, F5	6 Gy
	(2, 2)	F4	6 Gy
6	(1.5, 1)	F1	6 Gy
	(-1.5, 1)	F2	5 Gy
	(1.5, 1)	F3-F4	10 Gy/2 fx.
7	(2, 2)	F1-F5	29.3 Gy/5 fx.
8	(2, 1)	F1, F3-F4	18 Gy/3 fx.
	(-2, 1)	F2	6 Gy
9	(2, 2)	F1	6 Gy
	(1, 2)	F2-F4	18 Gy/3 fx.
	(1, 1)	F5	6 Gy
10	(-2, 1.5)	F1, F3	12 Gy/2 fx.
	(-2, 2)	F2	6 Gy
	(-2, 1.5)	F4	5 Gy
	(-2, 2)	F5	5 Gy
11	(2, 2)	F1-F5	30 Gy/5 fx.
12	(2, 2)	F1-F5	30 Gy/5 fx.

For reference points, (a, b) refer to the point located (a) cm right from the uterine axis and (b) cm above the vaginal fornix.

**Appendix Table 2.** P-values of univariate analysis concerning acute and late toxicities

	P-value				
	Acute toxicity			Late toxicity	
	Gastrointestinal	Urinary	Blood	Gastrointestinal	Urinary
Pathology					
Squamous cell carcinoma vs. adenocarcinoma	0.115	1	0.538	1	1
FIGO stage					
Stage IA-IIA1 vs. stage IIA2-IVA	0.805	0.627	0.631	1	0.513
Brachytherapy technique					
2D vs. 3D	0.227	0.511	0.022	0.374	0.348
Chemotherapy regimen					
DDP vs. TP	0.252	1	1	1	1

Grade 2 acute or late toxicity was set as the end-point in univariate analysis

**Appendix Table 3.1.** Survival table of progression-free survival

	Time (months)	Status*	Cumulative proportion surviving at the time		No. of cumulative events	No. of remaining cases
			Estimate	Standard error		
1	9.000	0	.	.	0	30
2	9.000	0	.	.	0	29
3	13.000	0	.	.	0	28
4	15.000	1	0.964	0.035	1	27
5	16.000	0	.	.	1	26
6	18.000	0	.	.	1	25
7	20.000	0	.	.	1	24
8	22.000	0	.	.	1	23
9	24.000	1	0.922	0.053	2	22
10	24.000	0	.	.	2	21
11	24.000	0	.	.	2	20
12	29.000	0	.	.	2	19
13	30.000	1	0.874	0.069	3	18
14	35.000	0	.	.	3	17
15	36.000	1	0.822	0.082	4	16
16	38.000	0	.	.	4	15
17	42.000	0	.	.	4	14
18	45.000	0	.	.	4	13
19	50.000	1	0.759	0.097	5	12
20	53.000	1	0.696	0.108	6	11
21	53.000	0	.	.	6	10
22	57.000	0	.	.	6	9
23	58.000	0	.	.	6	8
24	66.000	0	.	.	6	7
25	73.000	0	.	.	6	6
26	78.000	0	.	.	6	5
27	79.000	0	.	.	6	4
28	81.000	0	.	.	6	3
29	82.000	0	.	.	6	2
30	95.000	0	.	.	6	1
31	107.000	0	.	.	6	0

\* "0" represents progression-free and "1" represents tumor progression

**Appendix Table 3.2.** Survival table of overall survival

	Time (months)	Status*	Cumulative proportion surviving at the time		No. of cumulative events	No. of remaining cases
			Estimate	Standard error		
1	9.000	0	.	.	0	30
2	9.000	0	.	.	0	29
3	13.000	0	.	.	0	28
4	16.000	0	.	.	0	27
5	18.000	0	.	.	0	26
6	20.000	0	.	.	0	25
7	22.000	0	.	.	0	24
8	24.000	0	.	.	0	23
9	24.000	0	.	.	0	22
10	29.000	0	.	.	0	21
11	31.000	1	0.952	0.046	1	20
12	35.000	0	.	.	1	19
13	36.000	1	0.902	0.066	2	18
14	38.000	0	.	.	2	17
15	40.000	1	0.849	0.080	3	16
16	42.000	0	.	.	3	15
17	45.000	0	.	.	3	14
18	53.000	0	.	.	3	13
19	57.000	0	.	.	3	12
20	58.000	0	.	.	3	11
21	61.000	0	.	.	3	10
22	66.000	0	.	.	3	9
23	72.000	0	.	.	3	8
24	73.000	0	.	.	3	7
25	78.000	0	.	.	3	6
26	79.000	0	.	.	3	5
27	81.000	0	.	.	3	4
28	82.000	0	.	.	3	3
29	84.000	0	.	.	3	2
30	95.000	0	.	.	3	1
31	107.000	0	.	.	3	0

\* "0" represents alive and "1" represents death from any causes

**Appendix Table 3.3.** Survival table of local control

	Time (months)	Status*	Cumulative proportion surviving at the time		No. of cumulative events	No. of remaining cases
			Estimate	Standard error		
1	9.000	0	.	.	0	30
2	9.000	0	.	.	0	29
3	13.000	0	.	.	0	28
4	16.000	0	.	.	0	27
5	18.000	0	.	.	0	26
6	20.000	0	.	.	0	25
7	22.000	0	.	.	0	24
8	24.000	0	.	.	0	23
9	24.000	0	.	.	0	22
10	29.000	0	.	.	0	21
11	30.000	1	0.952	0.046	1	20
12	31.000	0	.	.	1	19
13	35.000	0	.	.	1	18
14	36.000	1	0.899	0.068	2	17
15	38.000	0	.	.	2	16
16	42.000	0	.	.	2	15
17	45.000	0	.	.	2	14
18	50.000	1	0.835	0.088	3	13
19	53.000	1	0.771	0.102	4	12
20	53.000	0	.	.	4	11
21	57.000	0	.	.	4	10
22	58.000	0	.	.	4	9
23	66.000	0	.	.	4	8
24	73.000	0	.	.	4	7
25	78.000	0	.	.	4	6
26	79.000	0	.	.	4	5
27	81.000	0	.	.	4	4
28	82.000	0	.	.	4	3
29	84.000	0	.	.	4	2
30	95.000	0	.	.	4	1
31	107.000	0	.	.	4	0

\* "0" represents local control and "1" represents local recurrence