

Table 1. Univariate analysis of predictors for 5 year local recurrence survival, 5 year –metastasis free survival and 5 year disease free survival. Data presented as mean (SD).

Characteristics	Number of patients	Estimated 5-year LRFS	p-value (log-rank)	Estimated 5-year MFS	p-value (log-rank)	Estimated 5-year DSS	p-value (log-rank)
		65 (7.5)		84 (5.7)		91 (4.6)	
Sex			0.335		0.055		0.796
Men	28	66 (11.4)		73 (10.2)		89 (7.6)	
Women	24	63 (10)		92 (5.3)		92 (5.6)	
Age at operation			0.679		0.031		0.222
≤40 years	26	64 (11.3)		74 (10.3)		84 (8.6)	
>40 years	25	65 (10.1)		92 (5.6)		96 (4.3)	
ASA-Classification			0.288		0.677		0.803
1	20	74 (11.3)		82 (9.6)		87 (8.4)	
2	27	66 (9.9)		87 (6.8)		92 (5.7)	
3	4	25 (21.7)		67 (27.2)		-	
Tumour depth			0.732		0.134		0.159
Superficial	18	66 (12.6)		93 (6.4)		-	
Deep	33	64 (9.4)		79 (7.7)		86 (6.5)	
Tumour location			0.042		0.315		0.443
Finger	9	75 (15.3)		-		-	
Metacarpal	24	50 (11.5)		76 (9.3)		85 (7.9)	
Wrist	18	79 (10.8)		86 (9.4)		92 (7.4)	
Histologic Subtype			0.022		0.561		0.491
Synovial sarcoma	13	91 (8.7)		92 (8)		92 (8)	
Epitheloid sarcoma	7	25 (20.4)		75 (21.7)			
Liposarcoma	6	50 (25)		-			
Undifferentiated pleomorphic	5	-		-			
Leiomyosarcoma	3	-		-			
Other	17	40 (13.7)		65 (12.7)		77 (11.7)	
Tumour size			0.006		0.079		0.071
≤ 1.5 cm	30	82 (8)		87 (6.9)		91 (6.1)	

>1.5- 5cm	14	57 (13.2)		92 (7.4)	-	
>5 cm	7	0		54 (20.1)	69 (18.6)	
Tumour Grade			0.202		0.977	0.412
G1	16	40 (14.6)		81 (12.2)	88 (6.5)	
G2	25	72 (9.9)		87 (7.3)	-	
G3	10	79 (13.4)		80 (12.6)	80 (17.9)	
Resection margins			0.003		0.798	0.429
Clear (R0)	46	69 (7.8)		81 (6.4)	89 (5.2)	
Positive (R1)	6	33 (19.2)		-	-	
Resection margins (R0-subcohort)			0.190		0.407	0.546
<u>Close</u> (<1cm)	41	65 (8.4)		80 (6.7)	88 (5.5)	
Wide (>1cm)	4	-		-	-	
Operative time			0.288		0.206	0.527
>120 minutes	17	59 (13.2)		73 (11.5)	87 (8.6)	
<120 minutes	34	68 (9)		89 (5.9)	92 (5.2)	
Resection of functional structures			0.426		0.287	0.212
None	17	50 (15.6)		78 (11.3)	83 (11)	
Tendon/nerve resection	22	68 (10.8)		88 (8.1)	-	
Bone resection	9	88 (11.7)		78 (13.9)	78 (13.9)	
Finger/ray amputation	3	33 (27.2)		-	-	
Isolated limb perfusion			0.361		0.089	0.239
Yes	13	73 (13.2)		-	-	
No	38	65 (8.9)		78 (7.2)	87 (5.9)	
Adjuvant radiotherapy			0.023		0.836	0.136
Yes	17	82 (9.6)		82 (9.2)	96 (3.8)	
No	34	55 (9.8)		84 (7.2)	82 (9.5)	
Complications			0.941		0.710	0.403
Yes	6	67 (19.2)		83 (15.2)	-	
No	45	65 (8)		84 (6)	89 (5.3)	

LRFS: local recurrence free survival

MFS: metastasis free survival

DSS: disease specific survival