Univariable and multivariable analyses of predictors of overall survival in 168 patients who underwent compartmental resection for retroperitoneal sarcomas

Variables	Univariable analysis			Mulivariable analysis		
	HR	95% CI	p	HR	95% CI	p
Margin			0.1			
R0	1			1		
Non vascular R1	1.54	[0.70-3.41]		1.91	[0.84-4.32]	0.12
Vascular R1	2.18	[0.99-4.81]		1.67	[0.72-3.88]	0.23
Histological subgroup			0.03			
WDLPS	1			1		
DDLPS	2.16	[0.87-5.29]		1.87	[0.75-4.6]	0.17
LMS	3.78	[1.33-10.72]		4.82	[1.57-14.75]	0.005
Male sex	2.15	[1.09-4.25]	0.02	2.45	[1.19-5.06]	0.01
Size (in cm)	1.01	[0.98-1.04]	0.4			
Symptom	1.55	[0.66-3.67]	0.3			
Neoadjuvant chemotherapy	2.49	[1.18-5.26]	0.01			
Neoadjuvant radiotherapy	0.77	[0.32-1.86]	0.6			
Emergency surgery	2.38	[0.73-7.78]	0.1	1.17	[0.31-4.42]	0.80
Colorectal resection	1.33	[0.55-3.19]	0.5			
Kidney resection	1.71	[0.61-4.82]	0.3			
Psoas muscle resection	2.31	[1.21-4.43]	0.009	2.62	[1.35-5.09]	0.004
Surgical complication	0.76	[0.36-1.61]	0.5			

Data are N (%) unless otherwise stated
WDLPS: Well differenciated liposarcomas, DDLPS: dediferenciated liposarcomas, LMS leiomyosaromas