

Factors of disease-free survival at univariate and multivariate analyses in 165 patients who underwent compartmental resection for RPS

Variables	Univariate analysis			Multivariable analysis		
	HR	IC95%	p	HR	IC95%	p
Margin			0.1			
R0	1					
Nonvascular R1	1.41	[0.84-2.38]		1.75	[1.02-2.98]	0.04
Vascular R1	1.79	[1.03-3.12]		1.75	[1.00-3.05]	0.05
Histological subgroup			0.001			
WDLPS	1					
DDLPS	2.26	[1.22-4.17]		2.08	[1.12-3.88]	0.02
LMS	3.82	[1.82-8.02]		4.82	[2.24-10.37]	0.00005
Male sex	1.46	[0.94-2.28]	0.09	1.57	[0.98-2.51]	0.06
Size (in cm)	0.99	[0.97-1.02]	0.5			
Symptom	1.85	[0.91-3.68]	0.08			
Neoadjuvant chemotherapy	2.01	[1.12-3.59]	0.02	1.29	[0.53-3.09]	0.56
Neoadjuvant radiotherapy	0.63	[0.33-1.2]	0.2			
Emergency surgery	2.98	[1.19-7.42]	0.01	1.41	[0.35-5.59]	0.6
Colorectal resection	1.17	[0.66-2.09]	0.6			
Kidney resection	1.24	[0.63-2.42]	0.5			
Psoas muscle resection	1.79	[1.12-2.87]	0.01	1.87	[1.16-3.02]	0.01
Surgical complication	1.03	[0.58-1.52]	0.8			

Data are N (%) unless otherwise stated

WDLPS: Well differentiated liposarcomas, DDLPS: dedifferentiated liposarcomas, LMS leiomyosaromas