

Table 1: Characteristics of the cohort (n=94)

Descriptive	Value	
Age (years)	43±11.9 (SD)	23-80
Mode of surgery		
Laparotomy	33	(35.1%)
Laparoscopy	61	(64.9%)
Histology		
Squamous cell carcinoma (SCC)	59	(62.7%)
Adenocarcinoma	28	(29.7%)
Miscellaneous ^a	7	(7.6%)
Grade^b		
1	23	(24.5%)
2	35	(37.2%)
3	21	(22.3%)
Tumor stage (FIGO)		
1	88	(93.6%)
2	6	(6.4%)
Tumour size on MRI (mm)	16.3±16.28	0-60
Lymphovascular invasion (LVSI)		
Yes	25	(26.6)
No	69	(73.4)
No of frozen nodes	19.4±7.5	1-39
No of paraffin nodes	25.6±11.9	1-51

^a including adenosquamous and mixed (clear and endometrioid carcinomas)

^b grading was not possible at initial cervical biopsy or in the absence of residual disease (n=15)

Table 2: Univariate and multivariate analyses of Odds Ratios (OR) for the prediction of frozen section lymph node (LN) positivity. CI = Confidence Interval.

	Univariate analysis		Multivariate analysis	
Prognostic variable	OR (95% CI)	P value	OR (95% CI)	P value
Age (≥ 40 vs < 40 years)	0.62 (0.19-2.01)	0.42	0.43 (0.05-2.59)	0.36
Mode of surgery (laparoscopy vs open)	0.51 (0.13-2)	0.33	0.47 (0.08-2.79)	0.4
Stage 2 vs 1	2.73 (0.44-16.75)	0.27	1.19 (0.08-18.11)	0.9
Tumour size (≥ 20 mm vs < 20 mm)	7.92 (2-31.33)	0.003	11.46 (1.65-79.5)	0.014
Histology¥	1.56 (0.39-6.26)	0.53	0.70 (0.1-4.98)	0.72
Grade 3 vs 1 and 2	4.24 (1.13-15.84)	0.032	11 (1.48-81.5)	0.019
Lymphovascular invasion (LVSI)	0.8 (0.2-3.2)	0.76	0.93 (0.16-1.42)	0.099
Number of nodes	1.07 (0.33-3.47)	0.91	N/A	N/A

¥ Adenocarcinoma vs scc and miscellaneous

Table 3: Characteristics of subjects with positive lymph nodes (LNs) at frozen section examination (FSE)

FIGO			Tumour size on MRI (mm)	Suspicious LN(s) on MRI	Surgery	§LVSI	No of positive LNs at frozen section	No of positive LNs at final histology	Involved LN max diameter (mm)*
Patient	Stage	Histology							
1	2a	SCC	30	no	Laparoscopy	Yes	2/16	2/16	26
2	1b1	SCC	24	no	Open	Yes	1/17	2/17	16
3	1b1	SCC	27	no	Laparoscopy	Yes	2/39	2/51	10
4	1b1	SCC	34	no	Laparoscopy	Yes	1/13	1/13	6
5	1b1	Adenocarcinoma	7	no	Laparoscopy	Yes	2/23	2/42	17
6	1b1	SCC	19	yes	Laparoscopy	Yes	1/26	1/42	17
7	1b1	SCC	29	yes	Open	Yes	1/25	1/25	7
8	1b1	Adenocarcinoma	20	yes	Open	Yes	1/28	1/32	11
9	1b2	SCC	60	yes	Laparoscopy	Yes	1/1	1/1	22
10	1b2	Adenocarcinoma	42	yes	Laparoscopy	Yes	1/17	1/17	5
11	1b2	Adenosquamous	48	no	Laparoscopy	Yes	1/12	1/12	24
12	1b2	SCC	30	yes	Laparoscopy	Yes	1/37	1/37	18
13	2b¥	SCC	40	yes	Laparoscopy	Yes	5/14	5/17	18

* at final histology

¥ clinical examination was inconclusive

§ LVSI: lymphovascular invasion