

Table 4: Percentage of p16 positive cells in varies histological categories.

% positive cells	No. of cases of various histological categories		
	Hyperplasia	Metaplasia	Dysplasia
0%	27	26	1
≤10%	2	0	2
11-20%	1	3	5
21-30%	0	0	5
31-40%	0	1	4
41-50%	0	0	7
>50%	0	0	6

Table 5: Range and mean H score of p16 immuno-expression in various histological categories.

Histological categories	H-score range for p16 (mean H-score)
Hyperplasia	0-60 (2.6)
Metaplasia	0-80 (4)
Dysplasia	0-260 (77.16)

Table 6: Statistical comparison of H-score for p16 in various histological categories:

H score	Hyperplasia	Metaplasia	Dysplasia
Mean± SD	2.67±11.12	4±14.99	77.17±70.9
Median (IQR)	0 (0-0)	0 (0-0)	60 (20-100)
Min., Max	0,60	0,80	0,260

Table 7: Percentage of p53 positive cells in various histological categories.

% positive cell	No. of cases of various histological categories		
	Hyperplasia	Metaplasia	Dysplasia
0%	30	30	25
≤10 %	0	0	1
11-20%	0	0	1
21-30%	0	0	1
31-40%	0	0	0
41-50%	0	0	1
>50%	0	0	1

Table 8: Range and mean H score of p53 immuno-expression in various histological categories.

Histological categories	H-score range for p53 (mean H score)
Hyperplasia	0
Metaplasia	0
Dysplasia	0-210 (12.1)

Table 9: Statistical comparison of H-score for p53 in various histological categories:

H score	Hyperplasia	Metaplasia	Dysplasia
Mean $\pm$ SD	0	0	12.17 $\pm$ 41.88
Median (IQR)	0 (0-0)	0 (0-0)	0
Min., Max	0	0	0,210

Table 10: Percentage of COX-2 positive cells in various histological categories.

% positive cell	No. of cases in various histological categories		
	Hyperplasia	Metaplasia	Dysplasia
0%	25	23	0
≤ 10%	4	0	2
11-20%	0	2	2
21-30%	1	2	2
31-40%	0	1	4
41-50%	0	1	4
> 50%	0	1	16

Table 11: Range and mean H-score of COX-2 immuno-expression in various histological categories.

Histological categories	H-score range for COX-2 (mean H-score)
Hyperplasia	0-90 (5.6)
Metaplasia	0-180 (18.3)
Dysplasia	10-190 (92)

Table 12: Statistical comparison of H-score for COX-2 in various histological categories:

H score	Hyperplasia	Metaplasia	Dysplasia
Mean± SD	5.67±17.35	18.33±46.16	92±49.71
Median (IQR)	0 (0-0)	0 (0-5)	95 (50-122)
Min., Max	0,90	0,180	10,190

Table 13: Percentage of HER2/neu positive cells in various histological categories.

% positive cell	No. of cases of various histological categories		
	Hyperplasia	Metaplasia	Dysplasia
0%	28	26	22
≤10%	0	0	0
11-20%	0	2	2
21-30%	1	1	2
31-40%	1	1	2
41-50%	0	0	1
>50%	0	0	1

Table 14: Range and mean H score of Her2/neu immuno-expression in various histological categories.

Histological categories	H-score range for Her2/neu (mean H score)
Hyperplasia	0-60 (3.33)
Metaplasia	0-80 (6)
Dysplasia	0-180 (16.33)

Table 15: Statistical comparison of H-score for Her2/neu in various histological categories:

H score	Hyperplasia	Metaplasia	Dysplasia
Mean $\pm$ SD	3.3 $\pm$ 12.95	6 $\pm$ 18.30	16.33 $\pm$ 38.46
Median (IQR)	0 (0-0)	0 (0-0)	0 (0-20)
Min., Max	0,60	0,80	0,180