

## Clinical and Experimental Otorhinolaryngology

Supplementary Table 2. Pre-treatment histopathology and immunohistochemistry results (n=20)

Measure	Absolute no. of patients	Relative no. of patients (%)
Grading		
G1	2	10
G2	12	60
G3	16	30
HPV		
Negative	12	60
Positive	8	40
Thereof nonsmoker	2	10
Laminin gamma 2		
No/low expression	6	30
High expression	11	55
Unknown	3	15
Alpha smooth muscle actin stroma		
No/low expression	12	60
High expression	5	25
Unknown	3	15
Alpha smooth muscle actin in vessels		
No/low expression	9	45
High expression	11	55
CD163		
No/low expression	14	70
High expression	3	15
Unknown	3	15
E-cadherin/membrane-bound		
No/low expression	16	80
High expression	4	20
E-cadherin/cytoplasmatic		
No/low expression	13	65
High expression	7	35
N-cadherin		
No/low expression	17	85
High expression	0	0
Unknown	3	15
Stroma formation		
Low	15	75
High	5	25
Inflammation		
Low	9	45
High	11	55
Invasion front		
Low	17	85
High	3	15

HPV, human papilloma virus.