Table A. Comparison between the Hazard Ratios (HR) and the p-values of each variables in Vander Poorten et al. original series and the present series. PS1, Prognostic Score 1; PS2, Prognostic Score 2; HR, Hazard Ratio; CI, Confidence Interval.

	Series by Vander Poorten et al.		**Present series**	
PS1	**HR (CI)**	**p value**	**HR (CI)**	**p value**
Age at diagnosis	1.024 (1.007-1.042)	0.006	1.0352 (1.0010 - 1.0706)	0.0446
Pain on presentation	1.85 (1.028-3.33)	0.040	1.6557 (0.6629 - 4.1353)	0.2827
cT classification	1.55 (1.10-2.19)	0.012	1.1992 (0.6584-2.1843)	0.5547
cN classification	1.57 (1.28-1.94)	<0.001	1.5972 (1.2047-2.1175)	0.0012
Skin invasion	1.87 (0.97-3.61)	0.061	0.4393 (0.0557-3.4639)	0.4373
Facial nerve dysfunction	2.49 (1.31-4.72)	0.005	2.6795 (0.9665-7.4289)	0.0595
PS2	**HR (CI)**	**p value**	**HR (CI)**	**p value**
Age at diagnosis	1.018 (1.001-1.034)	0.037	1.0463 (1.0089-1.0850)	0.0153
cT classification	1.47 (0.99-2.20)	0.055	0.9962 (0.5234-1.8962)	0.9909
cN classification	1.40 (1.11-1.76)	0.004	1.4531 (1.0505-2.0099)	0.0247
Skin invasion	2.00 (1.04-3.85)	0.037	0.2322 (0.0283-1.9085)	0.1765
Facial nerve dysfunction	1.75 (0.88-4.59)	0.109	1.5029 (0.5106-4.4241)	0.4618
Perineural growth	2.19 (1.05-4.59)	0.038	4.2428 (1.5914-11.3117)	0.0041
Positive surgical margins	1.91 (0.92-3.98)	0.083	1.5008 (0.5507-4.0902)	0.4297

Table B. Multivariate analysis considering the most prominent risk factors influencing the Overall Survival (OS). Legend: SE, Standard Error; CI, Confidence Interval; ENE, Extranodal Extension; PNI, Peri-Neural Invasion.

Overall Survival

Covariate	SE	Wald	p value	Hazard Ratio (HR)	95% CI of Hazard Ratio (HR)
Age > 60y	0.6783	84.257	**0.0037**	71.623	1.9083 - 26.8822
High grade	0.5688	43.472	**0.0371**	32.741	1.0798 - 9.9273
Facial Palsy	0.5330	52.578	**0.0218**	33.943	1.2006 - 9.5962
N+ status	0.7961	0.3447	0.5571	0.6266	0.1327 - 2.9594
ENE +	0.7096	27.061	0.1000	32.134	0.8054 - 12.8212
PNI +	0.6172	0.09037	0.7637	12.038	0.3613 - 4.0107
Lymphovascular invasion	0.5215	0.1253	0.7233	0.8314	0.3008 - 2.2985

Table C. Multivariate analysis considering the most prominent risk factors influencing the Disease Specific Survival (DSS). Legend: SE, Standard Error; CI, Confidence Interval; ENE, Extranodal Extension; PNI, Peri-Neural Invasion.

Disease Specific Survival

Covariate	SE	Wald	p value	Hazard Ratio (HR)	95% CI of Hazard Ratio (HR)
Age > 60y	0.6942	36.938	0.0546	37.968	0.9807 - 14.6995
High grade	0.7789	43.508	**0.0370**	50.765	1.1116 - 23.1830
Facial Palsy	0.5694	61.832	**0.0129**	41.205	1.3574 - 12.5084
N+ status	0.8890	0.2746	0.6002	0.6276	0.1109 - 3.5527
ENE +	0.7139	14.746	0.2246	23.795	0.5914 - 9.5730
Lymphovascular invasion	0.5788	0.4417	0.5063	14.691	0.4752 - 4.5418
PNI +	0.7944	0.2263	0.6343	14.593	0.3100 - 6.8691

Table D. Multivariate analysis considering the most prominent risk factors influencing the Recurrence Free Survival (RFS). Legend: SE, Standard Error; CI, Confidence Interval; ENE, Extranodal Extension; PNI, Peri-Neural Invasion.

Recurrence-Free Survival

Covariate	SE	Wald	p value	Hazard Ratio (HR)	95% CI of Hazard Ratio (HR)
Age > 60y	0.4677	0.234	0.6285	12.539	0.5037 - 3.1215
High grade	0.6497	45.486	**0.0329**	39.978	1.1261 - 14.1927
Facial Palsy	0.547	1.135	0.2867	1.791	0.6164 - 5.2038
N+ status	0.6066	0.06596	0.7973	0.8557	0.2622 - 2.7927
ENE +	0.5836	0.02638	0.8710	10.994	0.3523 - 3.4311
Lymphovascular invasion	0.4719	0.6293	0.4276	1.454	0.5793 - 3.6493
PNI +	0.604	40.593	**0.0439**	33.769	1.0399 - 10.9661