

Prognostic Factors for Functional Outcome of Patients with Optic Nerve Sheath Meningiomas Treated with Stereotactic Radiotherapy—Evaluation of Own and Meta-Analysis of Published Data

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Table S1. Clinical data of the MediClin Robert Janker Clinic patients.

Patient	FU Years	Gender Male = 1, Female = 0	Intracranial Site yes = 1, no = 0	Anterior = 0 vs Posterior = 1	Tumorvolume PTV (ccm)	Fractio ns (n)	GD (Gy)	Retinados is (Gy)	Age (years)	Visus ill eye	Improve = 1, no improve = 0
patient 1	1	0	1	1	1.52	28	50.4	39.0	39	0.32	1
patient 2	3	1	0	0	1.22	28	50.4	43.6	46	0.8	1
patient 3	3	0	0	0	1.65	28	51.33	44.9	21	0.5	1
patient 4	4	1	1	1	1.71	28	50.4	12.2	36	0.4	1
patient 5	1	1	0	0	1.90	28	50.4	49.8	55	0.8	1
patient 6	3	0	1	1	3.76	28	50.4	50.5	57	0.4	1
patient 7	2	0	0	0	2.22	30	51.56	49.9	49	0.4	1
patient 8	2	0	1	1	2.10	28	50.4	26.6	50		1
patient 9	1	1	0	0	1.90	28	50.4	42.2	54		0
patient 10	5	0	1	1	2.63	28	50.4	46.2	49	0.1	0
patient 11	4	1	1	1	2.61	28	50.4	43.6	67	0.4	0
patient 12	5	1	1	1	0.80	1	14	10.7	19	0.02	0
patient 13	1	0	1	1	1.64	30	50.4	51.6	47	0.05	0

Table S2. ROC analysis of the published ONSM patients data.

ROC curve	
Variable	Visus_ill_eye
Classification variable	Improve = 1 vs no improve = 0
Sample size	100
Positive group ^a	68 (68 %)
Negative group ^b	32 (32 %)
^a Improve 1 = 1, ^b no improve 0 = 0	
Improve prevalence (%)	68
Area under the ROC curve (AUC)	
Area under the ROC curve (AUC)	0.617
Standard Error ^a	0.0642
95% Confidence interval ^b	0.491 to 0.742
z statistic	1.819
Significance level P (Area = 0.5)	0.0689
^a DeLong et al., 1988; ^b AUC $\pm$ 1.96 SE	
Youden index	
Youden index J	0.2574
95% Confidence interval ^a	0.1172 to 0.3896
Associated criterion	>0.05
95% Confidence interval ^a	>0.017 to >0.28
Sensitivity	88.24
Specificity	37.50
^a BCa bootstrap confidence interval (1000 iterations; random number seed: 978).	
Optimal criterion	
Optimal criterion ^a	>0.28
95% Confidence interval ^b	>0.02 to >0.75
Sensitivity	75.00
Specificity	50.00
^a Taking into account disease prevalence (68,0%) and estimated costs: cost False Positive: 10; cost False Negative: 4; cost True Positive: 0; cost True Negative: 0	
^b BCa bootstrap confidence interval (1000 iterations; random number seed: 978).	