

Impact of Surgery on Long-Term Results of Hearing in Neurofibromatosis Type-2 Associated Vestibular Schwannomas

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Table S1. Parameters for the 39 operated VS and associated hearing from 23 young NF2 patients.

Tumor/ Patient ID	Sex	Age at time of surgery (yr)	Resection amount *3	Preoperative					Postoperative *2			
				Hannover- Classification [1]	PTA (dB)	SDS (%)	H-B [2]	BAEP Score [3]	PTA (dB)	SDS (%)	H-B [2]	BAEP Score [3]
1.1	m	12	3d	T2	10	100	2	1	35	82	4	2
1.2		8	1	T1	28.75	100	1	1	28	97	1	2
2.1	f	12	3c	T1	5	100	1	2	5	100	1	2
2.2		16	3a	T2	5	100	1	1	6.25	95	1	2
3.1	f	11, 15 *1	3e, 3a	T3a	15	70	1	2	43.75	65	1	2
3.2		13	2	T1	18.25	97	1	2	16.25	98	1	1
4.1	m	12	3d	T1	10	100	2	1	10	100	1	2
4.2		15	3e	T3a	10.50	100	1	1	deaf	deaf	1	5
5.1	m	10	3b	T1	11.25	72	1	1	15	30	1	3
5.2		13	3a	T2	41.45	45	1	2	48.75	20	1	2
7.1	f	10	3c	T1	5	100	1	2	10	100	1	2
7.2		11	3b	T1	11.25	98	2	2	12.70	96	1	2
8.1	f	13	3a	T1	12.25	85	1	5	deaf	deaf	1	5
8.2		13	3b	T1	5	100	1	3	6.5	100	1	3
9.1	f	11	3c	T1	14.70	100	1	1	17.50	97	1	1
9.2		12	6	T1	80	0	1	1	77.5	0	1	1
10.1	f	22	3e	T3b	5.5	95	1	2	23	81	1	1
10.2		23	3e	T3a	43	73	1	1	45	0	1	2
11.2	f	18, 22 *1	3c, 5	T4a	10.75	95	1	2	47.5	95	1	2
12.1	f	24	3d	T4a	12.5	99	1	2	26.25	100	1	2
12.2		23	3c	T3b	15	100	1	2	24.60	80	1	2
14.2	m	15	3d	T2	28.75	100	1	1	deaf	deaf	1	5
15.2	f	12	3c	T1	6.25	98	1	1	4	100	1	1
19.1	f	17	4	T4a	53.75	0	1	2	deaf	deaf	1	5
21.1	m	13	3c	T1	12.5	100	1	2	10	90	1	2

21.2		12	3d	T3a	6.25	95	1	2	6.25	100	1	2
23.1	f	15	3c	T3a	6.5	90	1	2	7.5	100	1	2
23.2		16	3c	T2	5	100	1	2	17	100	1	2
24.1	m	14	3b	T2	16.25	99	1	2	23.75	100	1	2
24.2		13	3b	T2	14.50	100	1	2	6.25	100	1	3
25.1	m	16	3a	T2	5	100	1	2	1.28	100	1	2
25.2		16	1	T2	1.25	100	1	2	3.25	100	1	2
26.2	f	26	3c	T3a	8.75	100	1	2	8	100	1	2
28.1	f	23	3b	T3a	48.75	58	1	2	47.3	0	1	2
28.2		24	3a	T4a	12.5	100	1	2	18.75	90	4	2
35.1	f	16	3a	T3a	25	91	1	2	deaf	deaf	1	5
36.1	m	22	5	T4a	40	75	1	4	deaf	deaf	1	5
39.1	f	23	4	T3a	85	0	2	5	deaf	deaf	2	5
39.2		23	3e	T2	35	30	2	4	30	85	2	3

Abbreviations: PTA: pure-tone average; SDS: speech discrimination score; H-B: House and Brackman Grading System [2]; BAEP: brainstem auditory evoked potentials Classification System according to Samii and Matthies et al. [3]; 1 = left-sided tumor; 2 = right-sided tumor. *1 Tumor 3.1 and 11.2 were operated twice. Data before and after the first surgery was used. *2 Postop values are evaluated 3 months after surgery. *3 Resection amount as previously described in Gugel et al. [4].

References

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