

Supplementary file 3

Paper: Mastication in patients with spinal muscular atrophy types 2 and 3 is characterized by abnormal efficiency, reduced endurance and fatigue

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Z-scores of the TOMASS and 6 MMT for each patient (n=27)

	Age	TOMASS				6MMT		
		SMA type	Discrete bites	Masticatory cycles	Swallows	Time	Masticatory cycles	Difference M1 – M6
1	13	2	1.3	7.0	7.9	12.0	-2.2	-0.3
2	16	2	0.1	6.6	6.9	8.3	-1.8	-0.4
3	19	2	-0.4	0.5	0.3	0.9	-0.4	-0.1
4	21	2	0.4	1.7	1.4	2.1	-1.9	-1.3
5	23	2	-1.3	-0.2	4.8	1.3	-0.5	0.9
6	24	2	0.4	0.7	2.6	2.4	-3.0	1
7	27	2	0.4	4.9	2.6	7.6	-1.5	-1.5
8	30	2	0.4	3.9	4.8	8.5	-1.5	-1.0
9	32	2	-0.3	-1.0	0.3	-0.6	-1.3	-0.2
10	35	2	1.3	4.7	4.8	3.3	-0.8	-1.5
11	36	2	-0.4	0.1	5.9	2.9	-0.8	1.0
12	36	2	-0.4	1.0	2.6	3.5	-1.8	-1.6

13	37	2	0.4	1.6	7.0	2.6	0	-1.3
14	43	2	1.3	1.8	13.7	6.7	-1.0	-0.2
15	44	2	0.4	6.3	4.8	8.3	-3.0	1
16	44	2	0,4	2.6	3.7	4.8	-1.6	-0.1
17	45	2	-0.7	1.8	2.6	3.1	-3.0	1
18	61	2	-0.7	2.9	9.2	3.5	-0.9	-0.6
19	30	3	-1,3	-0.2	0.3	-0.1	-1.7	-0.1
20	38	3	0.4	1.9	7.0	4.6	2	2
21	39	3	0.4	2.7	2.6	5.9	-3.0	1
22	43	3	-0.4	-0.3	2.6	0.6	-2.0	-1.7
23	54	3	0.4	-0.6	0.3	0.5	-1.1	0.3
24	56	3	-0.7	-0.4	0.3	-0.1	0.3	0.2
25	59	3	-0.4	-0.1	0.3	0.1	-1.1	-1.1
26	66	3	0.4	1.4	1.4	0.9	0.1	0.4
27	67	3	1.3	8.9	5.9	7.9	-3.0	1

TOMASS = test of mastication and swallowing solids; 6MMT = 6 minutes mastication test; Difference M1 – M6 = difference between minute 1 and minute 6

¹ patient could not finish the test, ² test was not performed because of jaw-complaints

The bold data refer to ambulant patients

The shaded areas are patients with posterior open bites