

**Table 4. Swallowing function measured by swallow imaging techniques**

				Intervention group				Control group				Comparison between groups	
Study	Measure	Timing of measurement	Comparison	N	Baseline mean (range)/ %	Follow-up mean (range)/ %	Difference	N	Baseline mean (range)/ %	Follow-up mean (range)/ %	Difference	Change	CR
Mortensen, 2015	Videofluoroscopic imaging:							20					
	SPSS	Pre-treatment-2months	Exercise vs. usual care	19	1.44 (1–6)	2.36 (1–7)	AD -0.92	20	1.38 (1–4)	2.83 (1–6)	AD -1.45	AD 0.53	No
		Pre-treatment-5 months	Exercise vs. usual care	19	1.44 (1–6)	1.85 (1–6)	AD -0.41	20	1.38 (1–4)	2.45 (1–6)	AD -1.07	AD 0.66	No
		Pre-treatment-11 months	Exercise vs. usual care	19	1.44 (1–6)	1.92 (1–6)	AD -0.48	20	1.38 (1–4)	2.75 (1–5)	AD -1.38	AD 0.9	No
	aspiration (0-2)	Pre-treatment-2months	Exercise vs. usual care	19	5.56 %	5.56%	0.00%	20	4.76 %	4.76%	0%	0%	No
		Pre-treatment-5 months	Exercise vs. usual care	19	5.56 %	14.29%	-8.73%	20	4.76 %	16.67%	-12%	3%	No
		Pre-treatment-11 months	Exercise vs. usual care	19	5.56 %	7.69%	-2.13%	20	4.76 %	18.18%	-13%	11%	No
	penetration	Pre-treatment-2months	Exercise vs. usual care	19	5.56 %	16.67%	-11.11%	20	14.29 %	12.5%	2%	-13%	No
		Pre-treatment-5 months	Exercise vs. usual care	19	5.56 %	5.56 %	0.00%	20	14.29 %	14.29 %	0%	0%	No
		Pre-treatment-11 months	Exercise vs. usual care	19	5.56 %	28.57 %	-23.01%	20	14.29 %	41.67 %	-27%	4%	No
	cough	Pre-treatment-2months	Exercise vs. usual care	19	11.11 %	23.08 %	-11.97%	20	9.52 %	45.45 %	-36%	24%	No
		Pre-treatment-5 months	Exercise vs. usual care	19	11.11 %	42.66 %	-31.55%	20	9.52 %	50 %	-40%	9%	No
		Pre-treatment-11 months	Exercise vs. usual care	19	11.11 %	11.11 %	0.00%	20	9.52 %	9.52 %	0%	0%	No
	residue	Pre-treatment-2months	Exercise vs. usual care	19	44.44 %	28.57 %	15.87%	20	28.57 %	58.33 %	-30%	46%	Yes

		Pre-treatment-5 months	Exercise vs. usual care	19	44.44 %	23.08 %	21.36%	20	28.57 %	27.27 %	1%	20%	No
		Pre-treatment-11 months	Exercise vs. usual care	19	44.44 %	33.33 %	11.11%	20	28.57 %	50 %	-21%	33%	Yes

*AD, absolute difference; CR, clinically relevant; N, number of patients; na, not applicable; nr, not reported*