Supplementary Table 1. Cognitive changes upon 3-month follow-up after carotid artery stenting in patients with post-stent microembolism versus patients without post-stent microembolism as compared to controls

Neuropsychological test	Baseline score			Difference from baseline			ANCOVA
	Post-stent microembolism (+) (n=5)	Post-stent microembolism (−) (n=4)	Control (n=10)	Post-stent microembolism (+) (n=5)	Post-stent microembolism (−) (n=4)	Control (n=10)	p
K-MMSE	24.4±4.4	27.8±1.7	26.5±2.6	3.0±4.4	-0.5±1.3	1.1±2.2	0.488
Digit span-forward	7.0±1.6	6.0±1.4	6.5±1.8	-0.8±0.8	0.8±2.1	0±0.9	0.330
Digit span-backward	4.4±2.3	3.5±1.3	3.6±1.0	0±1.9	0.3±1.5	0±1.2	0.776
K-BNT	9.4±3.6	10.5±4.7	12.2±1.4	0.2±1.3	-0.3±1.3	1.0±1.7	0.472
Calculation	9.2±4.8	10.3±2.9	9.9±2.8	2.8±4.8	0.8±1	-0.1±0.7	0.061
ROCFT	25.6±15.2	34.3±2.4	32.2±6.8	2.8±5.4	0±2.7	0.8±2.8	0.723
Orientation	5.6±0.9	6.0±0	5.7±0.5	0.4±0.9	-0.3±0.5	0.3±0.5	0.221
SVLT free recall	15.4±8.4	13.8±7.9	20.4±6.4	-0.4±6.2	7.3±6.4	2.8±5.0	0.075
SVLT delayed recall	4.2±3.3	4.3±3.4	5.6±3.7	0.2±2.6	1.8±1.5	1.7±2.3	0.351
SVLT recognition	6.4±4.5	7.0±4.2	8.4±1.6	0.6±4.8	2.0±1.8	1.7±1.8	0.159
ROCFT-immediate/delayed recall	28.8±17.6	39.5±14.3	31.4±17.0	5.8±4.8	2.9±17.6	7.0±7.5	0.897
ROCFT-recognition	6.6±5.4	7.8±1.9	7.3±2.5	-0.8±2.2	0.8±2.1	1.2±2.7	0.266
Contrasting program	2.4±1.3	3.0±0	2.8±0.6	0.6±1.3	0±0	0.2±0.6	-
Go-no-go	2.4±1.3	2.5±1	2.6±0.5	0.4±1.5	0.3±0.5	-0.1±0.6	0.657
Fist-edge-palm	2.2±1.3	3.0±0	3.0±0	0.4±0.5	0±0	0±0	0.560
Luria loop	2.4±1.3	3.0±0	2.7±0.7	0±0	0±0	0.3±0.7	0.275
Word fluency-animal	11.2±6.5	11.3±4.4	13.5±2.7	-0.4±3.7	2.0±7.6	0.6±2.5	0.603
Word fluency-phonemic	5.2±3.1	5.0±4.3	6.5±2.8	-0.6±2.5	2.8±4.2	-1.1±3.5	0.260
Stroop test-color	10.2±7	13.5±1.7	15.7±2.9	1.9±4	0±6.7	1.1±3.0	0.723
SNSB-D	161.6±79.3	187.0±38.4	193.0±37.8	12.9±28.2	20.9±43.2	17.3±12.2	0.602

ANCOVA: analysis of covariance, K-BNT: Korean version of the Boston Naming Test, K-MMSE: Korean version of the Mini Mental State Examination, ROCFT: Rey-Osterrieth Complex Figure Test, ROCFT-immediate/delayed recall: immediate/delayed recall domain of the ROCFT, ROCFT-recognition: recognition domain of the ROCFT, SNSB-D: Seoul Neuropsychological Screening Battery-Dementia Version, SVLT: Seoul Verbal Learning Test.