

Supplementary Table 2. Cognitive changes upon 3-month follow-up after carotid artery stenting in patients with MR perfusion defect versus without MR perfusion defect as compared to controls

Neuropsychological test	Baseline score			Difference from baseline			ANCOVA
	Perfusion defect (+) (n=5)	Perfusion defect (-) (n=14)	Control (n=10)	Perfusion defect (+) (n=5)	Perfusion defect (-) (n=14)	Control (n=10)	p
K-MMSE	24.6±4.4	24.1±4.8	26.5±2.6	2.6±4.0	0.9±2.8	1.1±2.2	0.449
Digit span-forward	6.2±1.9	6.1±1.5	6.5±1.8	0.4±2.6	0±1.7	0±0.9	0.788
Digit span-backward	3.6±2.1	3.1±1.7	3.6±1.0	0.4±1.8	0.5±1.2	0±1.2	0.797
K-BNT	9.0±3.5	9.9±3.0	12.2±1.4	0.4±1.3	0.9±0.9	1.0±1.7	0.477
Calculation	9.2±4.8	8.9±4.3	9.9±2.8	2.8±4.8	0.1±1.7	0±0.7	0.048
ROCFT	26.8±15.2	24.7±12.6	32.2±6.8	2.2±2.9	2.3±5.4	0.8±2.8	0.335
Orientation	5.6±0.9	5.4±1.0	5.7±0.5	0.4±0.9	0.1±0.9	0.3±0.5	0.654
SVLT free recall	15.2±8.2	10.8±7.0	20.4±6.4	0±6.2	3.1±6.7	2.8±5.0	0.039
SVLT delayed recall	4.0±2.9	3.1±2.9	5.6±3.7	0±2.6	1.7±4.3	1.7±2.3	0.304
SVLT recognition	6.6±4.0	5.1±3.2	8.4±1.6	0.2±5.0	1.1±3.0	1.7±1.8	0.045
ROCFT-immediate/delayed recall	20.8±15.2	21.0±16.7	31.4±17	9.9±10.4	5.6±7.1	7.0±7.5	0.657
ROCFT-recognition	5.0±4.5	5.7±3.7	7.3±2.5	0±3.6	1.4±2.5	1.2±2.7	0.108
Contrasting program	2.2±1.3	2.4±1.2	2.8±0.6	0.8±1.3	0.1±0.5	0.2±0.6	0.176
Go-no-go	2.2±1.3	2.4±1.2	2.6±0.5	0.6±1.5	0±1.1	0±0.6	0.539
Fist-edge-palm	2.0±1.4	2.2±1.0	3.0±0	0.6±0.9	0.4±0.9	0±0	0.893
Luria loop	2.4±1.3	2.6±1.1	2.7±0.7	0±0	0±1.1	0.3±0.7	0.350
Word fluency-animal	8.8±4.2	12.0±4.8	13.5±2.7	2.0±2.2	1.0±4.3	0.6±2.5	0.791
Word fluency-phonemic	4.6±2.8	4.1±4.6	6.5±2.8	0±2.4	0.6±4.2	0±3.5	0.394
Stroop test-color	12.0±6.7	9.7±7.0	15.7±2.9	3.7±2.3	1.6±3.4	1.1±3.0	0.335
SNSB-D score	149.2±75.1	142.1±60.8	193±37.8	20.8±32.9	19.7±23.8	17.3±12.2	0.983

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.