

Neurocognitive dysfunction tests. Comparison: pre-and post-op (day 3-5) outcomes.			
MMSE			
	NIRS group (n=68)	Control group(n=59)	<i>p</i> -value
No Neuro-dysfunction	67	57	0.59
Yes Neuro-dysfunction	1	2	
Trail A			
	NIRS group (n=66)	Control group(n=56)	<i>p</i> -value
No Neuro-dysfunction	63	52	0.70
Yes Neuro-dysfunction	3	4	
Trail B			
	NIRS group (n=51)	Control group(n=44)	<i>p</i> -value
No Neuro-dysfunction	46	41	0.78
Yes Neuro-dysfunction	5	3	
HADS-A			
	NIRS group (n=67)	Control group(n=58)	<i>p</i> -value
No Neuro-dysfunction	63	58	0.12
Yes Neuro-dysfunction	4	0	
HADS-D			
	NIRS group (n=67)	Control group(n=58)	<i>p</i> -value
No Neuro-dysfunction	64	56	1.0
Yes Neuro-dysfunction	3	2	
Anti-saccadic			
	NIRS group (n=62)	Control group(n=51)	<i>p</i> -value
No Neuro-dysfunction	59	46	0.46
Yes Neuro-dysfunction	3	5	
Total Hopkins			
	NIRS group (n=60)	Control group(n=51)	<i>p</i> -value
No Neuro-dysfunction	57	47	0.70
Yes Neuro-dysfunction	3	4	
Hopkins Delay			
	NIRS group (n=56)	Control group(n=49)	<i>p</i> -value
No Neuro-dysfunction	52	49	0.12
Yes Neuro-dysfunction	4	0	
>1 Abnormal Tests *			
	NIRS group (n=62)	Control group (n=51)	<i>p</i> -value
Yes Neuro-dysfunction	2	1	1.0

MMSE-minimal mental state examination;

***number of patients in each group who failed more than one test.**