

Supplementary Table 1. Subgroup comparisons of demographic and intraoperative variables between patients with and without scalp nerve block according to type of minicraniotomy

Variable	Minicraniotomy with muscle incision			Minicraniotomy without muscle incision		
	SNB group (n=16)	Control group (n=9)	p-value	SNB group (n=11)	Control group (n=16)	p-value
Demographics						
Age (years)	61.1±9.0	62.0±8.4	0.813	56.6±9.8	32.9±10.5	0.128
Male sex	2 (12.5)	2 (22.2)	0.602	3 (27.3)	2 (12.5)	0.370
Body mass index (kg/m ²)	25.8±4.0	24.8±2.5	0.498	24.2±2.8	25.7±3.1	0.215
American Society of Anesthesiologists physical status			1.000			0.350
1	3 (18.8)	2 (22.2)		1 (9.1)	5 (31.3)	
2	13 (81.3)	7 (77.8)		10 (90.9)	11 (68.8)	
Surgery						
Location of aneurysm						
Internal carotid artery	1 (6.3)	0 (0.0)	1.000	2 (18.2)	0 (0.0)	0.157
Anterior cerebral artery	1 (6.3)	2 (22.2)	0.530	0 (0.0)	0 (0.0)	NA
Middle cerebral artery	15 (93.8)	7 (77.8)	0.530	8 (72.7)	8 (50.0)	0.427
Posterior cerebral artery	0 (0.0)	0 (0.0)	NA	0 (0.0)	0 (0.0)	NA
Anterior communicating artery	1 (6.3)	1 (11.1)	1.000	3 (27.3)	3 (18.8)	0.622
Posterior communicating artery	1 (6.3)	1 (11.1)	1.000	0 (0.0)	4 (25.0)	0.123
Anterior choroidal artery	0 (0.0)	1 (11.1)	0.360	1 (9.1)	2 (12.5)	1.000
Superior cerebellar artery	0 (0.0)	0 (0.0)	NA	1 (0.0)	0 (0.0)	0.407
Multiple arteries	2 (12.5)	3 (33.3)	0.312	4 (36.4)	1 (6.3)	0.125
Approach						
Supraciliary supraorbital craniotomy	0 (0.0)	0 (0.0)	NA	0 (0.0)	1 (6.3)	1.000
Frontolateral supraorbital craniotomy	0 (0.0)	0 (0.0)	NA	11 (100.0)	15 (93.8)	1.000
Lateral supraorbital craniotomy	10 (62.5)	7 (77.8)	0.661	0 (0.0)	0 (0.0)	NA
Minipterional craniotomy	6 (37.5)	2 (22.2)	0.661	0 (0.0)	0 (0.0)	NA
Miniinterhemispheric craniotomy	0 (0.0)	0 (0.0)	NA	0 (0.0)	0 (0.0)	NA
Duration (hours)	2.7±0.7	2.3±0.5	0.135	2.5±0.4	2.0±0.4	0.012
Anesthesia						
Infusion rate						
Propofol (mg/kg/h)	7.4±0.9	7.4±0.7	0.895	7.5±1.2	7.3±1.0	0.604
Remifentanyl (µg/kg/h)	7.0±0.9	7.6±1.0	0.176	7.9±1.3	7.0±1.5	0.070

Values are presented as mean±standard deviations or numbers (proportions). SNB : scalp nerve block, NA : not applicable