

Supplemental Material 2

Characteristics	Total (n = 50)	Group 1 1–25 (n = 50)	Group 5 51–75(n = 25)	P Value	Statistic
Demographic variables					
AVM patients treated	50	25	25		
Age, years	30.14 ± 15.76	31.96 ± 16.12	28.32 ± 15.51	0.420	t=0.81
Female sex, n (%)	18 (36.00)	11 (44.00)	7 (28.00)	0.239	χ²=1.39
Alcohol abuse, n (%)	8 (16.00)	5 (20.00)	3 (12.00)	0.700	χ²=0.15
Smoking, n (%)	9 (18.00)	5 (20.00)	4 (16.00)	>0.999	χ²=0.00
Hypertension	3 (6.00)	1 (4.00)	2 (8.00)	>0.999	χ²=0.00
Diabetes	0 (0.00)	0 (0.00)	0 (0.00)	-	-
Presentation, n (%)				0.256	-
Incidental	1 (2.00)	0 (0.00)	1 (4.00)		
Symptomatic	22 (44.00)	9 (36.00)	13 (52.00)		
Ruptured	27 (54.00)	16 (64.00)	11 (44.00)		
Preoperative mRS				>0.999	χ²=0.00
0–2	48 (96.00)	24 (96.00)	24 (96.00)		
3–4	2 (4.00)	1 (4.00)	1 (4.00)		
5–6	0 (0.00)	0 (0.00)	0 (0.00)		
AVM variables					
AVM size, mm	41.61 ± 15.46	44.33 ± 14.48	38.89 ± 16.21	0.217	t=1.25
Spetzler-Martin grades				0.543	-
I-II	16 (32.00)	7 (28.00)	9 (36.00)		
III	27 (54.00)	13 (52.00)	14 (56.00)		
IV-V	7 (14.00)	5 (20.00)	2 (8.00)		
Eloquent location	28 (56.00)	15 (60.00)	13 (52.00)	0.569	χ²=0.32
Deep venous drainage	15 (30.00)	8 (32.00)	7 (28.00)	0.758	χ²=0.10
Associated aneurysms	11 (22.00)	4 (16.00)	7 (28.00)	0.306	χ²=1.05
AVM location, n (%)*				0.290	-
Superficial	39 (78.00)	17 (68.00)	22 (88.00)		
Deep	5 (10.00)	4 (16.00)	1 (4.00)		
Cerebellum	6 (12.00)	4 (16.00)	2 (8.00)		

Brainstem	0(2.00)	0 (0.00)	0 (0.00)		
Embolization strategy, <i>n</i> (%)				<0.001	-
Curative	19 (38.00)	18 (72.00)	1 (4.00)		
Palliative	25 (50.00)	6 (24.00)	19 (76.00)		
Targeted	6 (12.00)	1 (4.00)	5 (20.00)		
Major Complications, <i>n</i> (%)	21 (42.00)	13 (52.00)	8 (32.00)	0.152	$\chi^2=2.05$
Haemorrhagic events	4 (8.00)	3 (12.00)	1 (4.00)	0.602	$\chi^2=0.27$
Ischaemic events	4 (8.00)	3 (12.00)	1 (4.00)	0.602	$\chi^2=0.27$
Intracranial Infections	15 (30.00)	8 (32.00)	7 (28.00)	0.758	$\chi^2=0.10$
Seizure	0 (0.00)	0 (0.00)	0 (0.00)	-	-
Blood loss $\geq$ 549ml	21 (42.00)	14 (56.00)	8 (32.00)	0.087	$\chi^2=2.92$
Blood loss,ml,Median (Q ₁ , Q ₃)	600.00 (325.00, 1175.00)	750.00 (500.00, 1500.00)	500.00 (300.00, 900.00)	0.133	Z=-1.50
t: t-test; χ^2 : Chi-square test; -: Fisher exact;Z: Mann-Whitney test					
mRS, modified Rankin Scale					