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Supplemental material

Outcomes of stereotactic radiosurgery for hemorrhagic arteriovenous malformations with or without prior resection or embolization

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Supplementary Table 1. The baseline characteristics of the matched cohorts: SRS alone and Surg-SRS

Variables		SRS alone (n = 56)	Surg-SRS (n = 56)	*p* value
Male sex, n (%)		31 (55)	30 (54)	1.000
Median age at SRS, [range], year		24.5 [5–64]	24 [8–64]	0.658
Median maximum diameter [range], mm		16 [7.5–45]	17 [7–48] [*]	0.132
Median nidus volume [range], mL		0.8 [0.1–16.8]	1.0 [0.1–16.7] [*]	0.434
Median RBAS [range]		0.99 [0.18–3.28]	0.74 [0.25–2.13]	1.000
Eloquent location, n (%)		35 (63)	33 (59)	0.847
Deep drainage, n (%)		34 (61)	33 (59)	1.000
SMG, n (%)	1–2	30 (54)	30 (54)	1.000
	≥ 3	185 (60)	27 (45)	
VRAS, n (%)	1–2	48 (86)	42 (75)	0.234
	3–4	8 (14)	14 (25)	

P values < 0.05 are considered statistically significant. [*] Data at the time of SRS.
RBAS = modified radiosurgery-based AVM score; SMG = Spetzler-Martin grade; SRS = stereotactic radiosurgery;
VRAS = Virginia radiosurgery AVM scale

Supplementary Table 2. The baseline characteristics of the matched cohorts: SRS alone and Embol-SRS

Variables		SRS alone (n = 40)	Embol-SRS (n = 40)	p value
Male sex, n (%)		17 (49)	18 (51)	1.000
Median age at SRS, [range], year		27 [7–80]	29 [5–76]	0.657
Median maximum diameter [range], mm		25 [7–68]	25 [9–43] *	0.637
Median nidus volume [range], mL		3.5 [0.2–18]	3.4 [0.2–18.3] *	0.372
Median RBAS [range]		1.11 [0.31–2.56]	1.02 [0.37–2.56]	0.364
Eloquent location, n (%)		28 (70)	27 (68)	1.000
Deep drainage, n (%)		27 (68)	25 (63)	0.815
SMG, n (%)	1–2	17 (43)	17 (43)	1.000
	≥ 3	23 (57)	23 (57)	
VRAS, n (%)	1–2	14 (35)	18 (45)	0.494
	3–4	26 (65)	22 (55)	

P values < 0.05 are considered statistically significant. * Data at the time of SRS.
RBAS = modified radiosurgery-based AVM score; SMG = Spetzler-Martin grade; SRS = stereotactic radiosurgery;
VRAS = Virginia radiosurgery AVM scale