

Table S1 Univariate analysis of predictors for poor outcome in supratentorial spontaneous intracerebral hemorrhage after hematoma evacuation

Variables	Good prognosis group (n=135)	Poor prognosis group (n=246)	P value
Demographics			
Age, years	56.1±12.6	63.8±11.4	<0.001
Male	94 (69.6)	171 (69.5)	0.98
Medical history			
Smoking	47 (34.8)	76 (30.9)	0.43
Alcohol abuse	42 (31.1)	76 (30.9)	0.97
Hypertension	115 (85.2)	197 (80.1)	0.22
Diabetes	10 (7.41)	24 (9.76)	0.44
Stroke	7 (5.19)	17 (6.91)	0.51
Hemorrhage	5 (3.70)	17 (6.91)	0.21
Atrial fibrillation	3 (2.22)	21 (8.54)	0.02
Antiplatelet use	4 (2.96)	19 (7.72)	0.07
Anticoagulant use	1 (0.74)	7 (2.85)	0.20
Clinical characteristics			
Preop GCS score			<0.001
3–8	45 (33.3)	172 (69.9)	
9–12	47 (34.8)	44 (17.9)	
13–15	43 (31.9)	30 (12.2)	
ICH score	2.00 (1.00, 2.00)	3.00 (2.00, 3.00)	<0.001
Surgical method			0.06
Craniotomy	59 (43.7)	144 (58.5)	
Endoscopy	15 (11.1)	25 (10.2)	
Stereotactic aspiration	61 (45.2)	77 (31.3)	
Time from ictus to surgery <8 hours	42 (31.1)	123 (50.0)	<0.001
Image characteristics			
Left side of hematoma	69 (51.1)	134 (54.5)	0.53
Lobar (vs. deep) origin	50 (37.0)	46 (18.7)	<0.001
Intraventricular penetration	43 (31.9)	174 (70.7)	<0.001
External ventricular drainage	6 (4.44)	29 (11.8)	0.02
Midline shift (mm)	7.87 (5.97-10.72)	10.07 (7.62-13.25)	<0.001
Preop hematoma volume (mL)	38.8 (32.0-51.2)	54.0 (38.3-79.0)	<0.001
Postop hematoma volume (mL)	7.49 (3.46-17.35)	12.30 (5.43-21.56)	0.003
Preop IVH volume (mL)	0.00 (0.00-0.72)	2.49 (0.00-12.50)	<0.001
Postop IVH volume (mL)	0.00 (0.00, 3.38)	2.42 (0.21, 10.15)	<0.001
Postop rehemorrhage	5 (3.70)	25 (10.2)	0.03
Clinical outcomes			
CCI	4 (2.96)	37 (15.0)	0.001

Data are presented as mean ± SD, n (%), or median (Q1, Q3).

Table S2 Multivariate analysis of predictors for poor outcome in supratentorial spontaneous intracerebral hemorrhage after hematoma evacuation

Variables	Good prognosis group (n=135)	Poor prognosis group (n=246)	P value
Demographics			
Age, years	56.1±12.6	63.8±11.4	<0.001
Clinical characteristics			
ICH score	2.00 (1.00, 2.00)	3.00 (2.00, 3.00)	0.001
Image characteristics			
Lobar (vs. deep) origin	50 (37.0)	46 (18.7)	<0.001
Preoperative hematoma volume (mL)	38.8 (32.0-51.2)	54.0 (38.3-79.0)	0.001
Preoperative IVH volume (mL)	0.00 (0.00-0.72)	2.49 (0.00-12.50)	0.015
Postoperative rehemorrhage	5 (3.70)	25 (10.2)	0.001
Clinical outcomes			
CCI	4 (2.96)	37 (15.0)	0.001

Data are presented as mean ± SD, n (%), or median (Q1, Q3).