

**Table 1.** Univariate analysis of predictors of any intracranial hemorrhage after endovascular stroke therapy.

Variable	Any Intracranial Hemorrhage (n=363), N(%)	No Hemorrhage (n=759), N(%)	p-value
<b>Demographics</b>			
Age (years±SD)	67±15	66±15	0.49
NIHSS (mean±SD)	17±5	16±6	<b>0.001</b>
Female	174 (48)	366 (48)	0.94
Diabetes Mellitus	109 (30)	156 (20)	<b>0.0001</b>
Hypertension	255 (71)	518 (68)	0.53
Atrial Fibrillation	148 (41)	265 (35)	<b>0.05</b>
Time to treatment (min±SD)	312±157	296±162	0.15
TIMI 2-3 Recanalization	247 (68)	520 (69)	0.89
<b>Clot Location</b>			
M1 MCA	192 (53)	369 (49)	0.20
Carotid terminus	72 (20)	142 (19)	0.69
Tandem Occlusion	47 (13)	94 (12)	0.43
M2 MCA	43 (12)	129 (17)	<b>0.03</b>
Extracranial ICA	10 (3)	25 (3)	0.71
<b>Therapy</b>			
Intravenous t-PA	137(38)	234 (31)	<b>0.025</b>
Merci Embolectomy	130 (36)	233 (30)	<b>0.002</b>
Penumbra Thrombectomy	42 (11)	88 (12)	0.82
Angioplasty	97 (27)	189 (25)	0.56
Stent placement	70 (19)	145(19)	0.51

IA t-PA	194 (53)	408 (54)	0.49
Pharmacologic Therapy Only	73 (20)	191 (25)	0.07
Mechanical Therapy Only	91 (25)	184 (24)	0.41
Multimodal Therapy	199 (54)	385 (51)	0.20

**Table 2.** Independent predictors of development of any intracranial hemorrhage after endovascular stroke therapy.

Variable	Odds Ratio [95% CI]	p-value
Diabetes Mellitus	1.71 [1.27-2.30]	<b>0.0001</b>
Merci Device	1.51 [1.05-2.18]	<b>0.025</b>
NIHSS	1.03 [1.008-1.059]	<b>0.009</b>

**Table 3.** Univariate analysis for the predictors of the development of hemorrhagic infarction (HI) after endovascular stroke therapy.

Variable	HI Hemorrhage (n=267), N(%)	No Hemorrhage (n=759), N(%)	p-value
<b>Demographics</b>			
Age (years±SD)	66±16	66±15	0.95
NIHSS (mean±SD)	17±5	16±6	<b>0.004</b>
Female	139 (52)	393 (52)	0.94
Diabetes Mellitus	88 (33)	156 (21)	<b>0.0001</b>
Hypertension	182 (68)	518 (68)	0.91
Atrial Fibrillation	100 (37)	265 (35)	0.45
Time to treatment (min±SD)	320±161	296±162	<b>0.05</b>
TIMI 2-3 Recanalization	180 (67)	520 (69)	0.39

<b>Clot Location</b>			
M1 MCA	140 (52)	369 (49)	0.29
Carotid terminus	56 (21)	142 (19)	0.42
Tandem Occlusion	34 (13)	94 (12)	0.91
M2 MCA	30 (11)	129 (17)	<b>0.03</b>
Extracranial ICA	8 (3)	25 (3)	0.50
<b>Therapy</b>			
Intravenous t-PA	108 (40)	234 (31)	<b>0.005</b>
Merci Embolectomy	172 (64)	411 (54)	<b>0.002</b>
Penumbra Thrombectomy	28 (10)	88 (12)	0.66
Angioplasty	70 (26)	189 (25)	0.68
Stent placement	49 (18)	145 (19)	0.86
IA t-PA	155 (58)	408 (54)	0.22
Pharmacologic Therapy Only	58 (22)	191 (25)	0.28
Mechanical Therapy Only	57 (21)	184 (25)	0.35
Multimodal Therapy	152 (57)	385(51)	0.09

**Table 4.** Independent predictors of hemorrhagic infarction (HI) after endovascular stroke therapy.

Variable	Odds Ratio [95% CI]	p-value
Diabetes Mellitus	2.27 [1.58-3.26]	<b>0.0001</b>
Time from Symptoms Onset to Puncture	1.001 [1.00-1.002]	<b>0.026</b>

Merci Device	1.47 [1.02-2.12]	<b>0.032</b>
IV tPA prior to intervention	1.43 [1.03-2.08]	<b>0.037</b>

**Table 5.** Univariate analysis of predictors of parenchymal hematoma (PH) after endovascular stroke therapy.

Variable	PH (n=96), N(%)	No ICH (n=759), N(%)	p-value
<b>Demographics</b>			
Age (years±SD)	69±14	66±16	<b>0.09</b>
NIHSS (mean±SD)	18±6	16±6	<b>0.009</b>
Female	50 (52)	393 (52)	0.85
Diabetes Mellitus	21 (22)	156 (21)	0.44
Hypertension	73 (76)	518 (68)	0.09
Atrial Fibrillation	48 (50)	265 (35)	<b>0.003</b>
Time to treatment (min±SD)	290±139	296±162	0.75
TIMI 2-3 Recanalization	67 (70)	520 (69)	0.91
<b>Clot Location</b>			
M1 MCA	52 (54)	369 (49)	0.18
Carotid terminus	16 (17)	142 (19)	0.37
Tandem Occlusion	13 (14)	94 (12)	0.74
M2 MCA	13 (13)	129 (17)	0.47
Extracranial ICA	2 (2)	25 (3)	0.76
<b>Therapy</b>			
Intravenous t-PA	29 (30)	234 (31)	0.50
Merci Embolectomy	61 (63)	411 (54)	0.05
Penumbra	14 (15)	88 (12)	0.25

Thrombectomy			
Angioplasty	27 (28)	189 (25)	0.53
Stent placement	21(22)	145 (19)	0.31
IA t-PA	39 (41)	408 (54)	<b>0.009</b>
Pharmacologic Therapy Only	15 (16)	191 (25)	<b>0.02</b>
Mechanical Therapy Only	34 (35)	184 (24)	<b>0.014</b>
Multimodal Therapy Only	47 (49)	385 (51)	0.41

**Table 6.** Independent predictors of parenchymal hematoma (PH) after endovascular stroke therapy.

Variable	Odds Ratio [95% CI]	p-value
IA t-PA	0.57 [0.35-0.90]	0.008
Atrial fibrillation	1.61 [1.01-2.55]	0.045
NIHSS	1.04 [0.999-1.08]	0.056