Figure S1. Diabetes mellitus ORs. (A) Forest plot of diabetes mellitus ORs demonstrated no statistically significant difference between the groups (total OR 1.07, CI 95% 0.58-1.40; p 0.61). (B) Funnel plot of the diabetes mellitus ORs demonstrated no heterogeneity in the groups (P=0.56, and P=0.56). ET, endovascular thrombolysis; medical, medical management; OR, odds ratio.

Α	ET		Medic	cal		Odds ratio		Odds ratio
Study or Subgroup	Events	Total	Events	Total	Weight	IV, Random, 95% CI	Year	IV, Random, 95% CI
Urra X et al., 2014 (18)		34	6	44	4.6%	1.36 [0.40, 4.65]	2014	
Haussen DC et eal, 2016 (1	9)	10	4	22	2.0%	1.13 [0.17, 7.45]	2016	
Haussen DC et al, 2017 (2	0)	30	10	88	6.7%	3.34 [1.20, 9.28]	2017	
Nagel S et al, 2018 (21)		80	36	220	14.6%	0.99 [0.50, 1.98]	2018	_
Sarraj A et al, 2018 (22)		124	27	90	19.8%	0.95 [0.53, 1.73]	2018	-
Kastrup A et al, 2018 (23)		145	35	160	23.8%	1.01 [0.59, 1.74]	2018	-
Wang GF et al, 2020 (24)		23	6	24	3.5%	0.63 [0.15, 2.61]	2020	
Xue R et al., 2022 (25)		123	78	449	25.0%	0.98 [0.58, 1.66]	2022	+
Total (95% CI)		569		1097	100.0%	1.07 [0.82, 1.40]		•
Total events	123		202					
Heterogeneity: Tau ² = 0.00	Chi2 = 5	.79, df	= 7 (P = 0)	0.56); l ^a	= 0%		0.01	0.1 1 10 100
Test for overall effect: $Z = 0$.51 (P = 0	0.61)					0.01	ET Medical

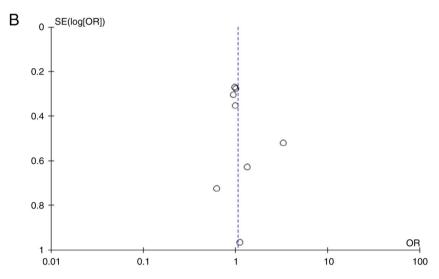


Figure S2. Hypertension ORs. (A) Forest plot hypertension ORs demonstrated no statistically significant results (total OR 1.87, CI 95% 0.68-1.10; P=0.23). (B) Funnel plot of the hypertension ORs demonstrated no heterogeneity in the groups (P=0.83 and I^2 =0%). ET, endovascular thrombolysis; medical, medical management; OR, odds ratio.

Α		ET		Medic	al		Odds ratio			Odds ratio		
	Study or Subgroup	Events	Total	Events	Total	Weight	IV, Random, 95% CI	Year	1	V, Random, 95% CI		
	Un a X et al., 2014(18)	21	34	29	44	6.5%	0.84 [0.33, 2.12]	2014				_
	Haussen DC et al, 2016 (19)	6	10	13	22	2.4%	1.04 [0.23, 4.77]	2016				
	Haussen DC et al, 2017 (20)	21	30	63	88	6.8%	0.93 [0.37, 2.30]	2017		-		
	Nagel S et al, 2018 (21)	56	80	159	220	17.9%	0.90 [0.51 , 1.57]	2018				
	Sarraj A et al., 2018 (22)	87	124	72	90	13.6%	0.59 [0.31, 1.12]	2018		-		
	Kastrup A et al, 2018 (23)	22	145	129	160	16.0%	1.27 [0.70, 2.31]	2018				
	Wang GF et al, 2020 (24)	17	23	17	24	3.4%	1.17 [0.32, 4.20]	2020				
	Xue R et al., 2022 (25)	75	123	299	449	33.3%	0.78 [0.52, 1.18]	2022		-		
	Total (95% CI)		569		1097	100.0%	0.87 [0.68, 1.10]			•		
	Total events	405		781								
	Heterogeneity: Tau ² = 0.00	; Chi ² = 3	.55, df	= 7 (P = 0)).83); l²	= 0%			0.01 0.1	-	10 100	1
	Test for overall effect: Z = 1	.20 (P = 1	0.23)						0.01 0.1	ET Medical	10 100	

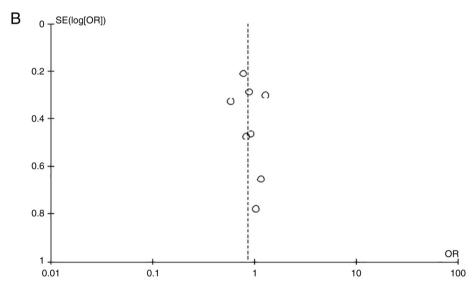


Figure S3. Prior ischemic stroke ORs. (A) Forest plot of prior ischemic stroke ORs demonstrated no statistically significant difference groups (total OR 0.97, CI 95% 0.56-1.70; P=0.93). (B) Forest plot of prior ischemic stroke ORs without 'Urra *et al* 2014' (18) article demonstrated no statistically significant difference between the groups (total OR 0.90, CI 95% 0.60-1.36; P=0.63). (C) Funnel plot of the prior ischemic stroke ORs between groups, with 'Urra *et al*, 2014'(18) article and with heterogeneity (P=0.21 and I²=32%). (D) Funnel plot of the prior ischemic stroke ORs between groups, without 'Urra *et al*, 2014'(18) article, and very low heterogeneity (P=0.32 and I²=14%). Medical, medical management; OR, odds ratio.

Α								
7.	Thrombed	ctomy	Medic	cal		Odds ratio		Odds ratio
Study or Subgroup	Events	Total	Events	Total	Weight	IV, Random, 95% CI	Year	IV, Random, 95% CI
Unra X et al., 2014(18)	5	34	2	44	9.1%	3.62 [0.66, 19.95]	2014	
Haussen DC et eal, 2016 (19)	2	10	7	22	8.4%	0.54 [0.09, 3.21]	2016	
Haussen DC et al, 2017 (20)	0	30	0	88			2017	
Nagel S et al, 2018 (21)	0	80	0	220			2018	
Sarraj A et al., 2018 (22)	22	124	12	90	29.2%	1.40 [0.65, 3.01]	2018	
Kastrup A et al, 2018 (23)	0	145	0	160			2018	
Wang GF et al, 2020 (24)	4	23	9	24	13.3%	0.35 [0.09, 1.37]	2020	
Xue R et al., 2022 (25)	19	123	77	449	39.9%	0.88 [0.51, 1.53]	2022	-
Total (95% CI)		569		1097	100.0%	0.97 [0.56, 1.70]		•
Total events	52		107					
Heterogeneity: Tau ² = 0.12	: Chi² = 5.8	7. df = 4	(P = 0.21)); I ² = 3	2%		-	
Test for overall effect: $Z = 0$,	.,			0.01	0.1 1 10 100 Thrombectomy Medical

В	Study or Subgroup	Thrombec Events	Medical Events Total		Odds ratio Weight IV, Random, 95% CI Year			Odds ratio IV. Random, 95% CI		
_	Study of Subgroup	LVEITIS	Total	Lvenis	IOlai	vveigni	TV, Haridolli, 95 % Cl	Teal	TV, Haridoni, 93 /6 Ci	
	Haussen DC et al, 2016 (19)	2	10	7	22	5.3%	0.54 [0.09, 3.21]	2016	•	
	Haussen DC et al, 2017(20)	0	30	0	88			2017		
	Nagel S et al, 2018 (21)	0	80	0	220			2018		
	Sarraj A et al., 2018 (22)	22	124	12	90	29.1%	1.40 [0.65, 3.01]	2018		
	Kastrup A et al, 2018 (23)	0	145	0	160			2018		
	Wang GF et al, 2020 (24)	4	23	9	24	9.2%	0.35 [0.09, 1.37]	2020		
	Xue R et al., 2022 (25)	19	123	77	449	56.5%	0.88 [0.51, 1.53]	2022	-	
	Total (95% CI)		535		1053	100.0%	0.90 [0.60, 1.36]		•	
	Total events	47		105						
Heterogeneity: $Chi^2 = 3.47$, $df = 3$ (P = 0.32); $I^2 = 14\%$								L	04 40 400	
Test for overall effect: Z = 0.48 (P = 0.63)								0.01	0.1 1 10 100 Thrombectomy medical	

