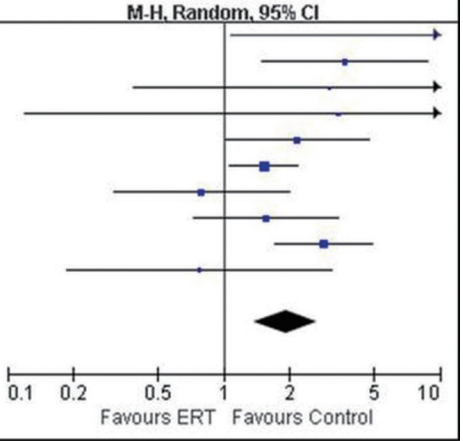
Pooling all RCTs

Study or Subgroup	ERT Events	ERT Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI	Year
PROACT I	11	26	1	14	2.3%	9.53 [1.08, 84.14]	1998
PROACT II	38	108	7	54	10.4%	3.64 [1.50, 8.85]	1999
Keris et al	2	12	2	33	2.5%	3.10 [0.39, 24.95]	2001
Macleod et al	1	8	0	8	1.0%	3.40 [0.12, 96.70]	2005
MR RESCUE	45	64	28	54	12.8%	2.20 [1.03, 4.69]	2013
IMS III	146	434	55	222	24.5%	1.54 [1.07, 2.22]	2013
SWIFT PRIME	9	98	11	97	9.7%	0.79 [0.31, 2.00]	2015
REVASCAT	19	103	13	103	12.6%	1.57 [0.73, 3.37]	2015
ESCAPE	66	165	28	150	19.2%	2.90 [1.73, 4.86]	2015
EXTEND-IA	4	35	5	35	5.0%	0.77 [0.19, 3.16]	2015
Total (95% CI)		**1053**		**770**	**100.0%**	**1.93 [1.37, 2.72]**	
Total events	341		150				

Heterogeneity: $Tau^2 = 0.09$; $Chi^2 = 13.78$, df = 9 (P = 0.13); $I^2 = 35\%$
Test for overall effect: Z = 3.77 (P = 0.0002)

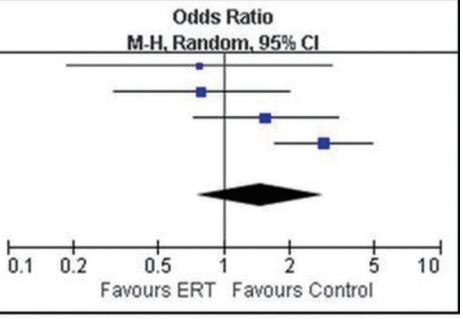


A

Pooling stent-retriever RCTs

Study or Subgroup	ERT Events	ERT Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI	Year
EXTEND-IA	4	35	5	35	14.9%	0.77 [0.19, 3.16]	2015
SWIFT PRIME	9	98	11	97	23.5%	0.79 [0.31, 2.00]	2015
REVASCAT	19	103	13	103	27.5%	1.57 [0.73, 3.37]	2015
ESCAPE	66	165	28	150	34.1%	2.90 [1.73, 4.86]	2015
Total (95% CI)		**401**		**385**	**100.0%**	**1.48 [0.76, 2.91]**	
Total events	98		57				

Heterogeneity: $Tau^2 = 0.28$; $Chi^2 = 7.81$, df = 3 (P = 0.05); $I^2 = 62\%$
Test for overall effect: Z = 1.14 (P = 0.25)

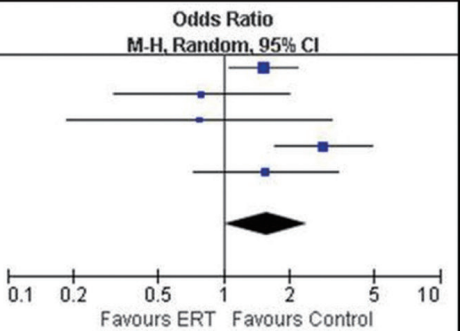


B

Pooling RCTs with IV-TPA rate > 75% in control arms

Study or Subgroup	ERT Events	ERT Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI	Year
IMS III	146	434	55	222	32.7%	1.54 [1.07, 2.22]	2013
SWIFT PRIME	9	98	11	97	14.5%	0.79 [0.31, 2.00]	2015
EXTEND-IA	4	35	5	35	7.8%	0.77 [0.19, 3.16]	2015
ESCAPE	66	165	28	150	26.6%	2.90 [1.73, 4.86]	2015
REVASCAT	19	103	13	103	18.4%	1.57 [0.73, 3.37]	2015
Total (95% CI)		**835**		**607**	**100.0%**	**1.57 [1.02, 2.43]**	
Total events	244		112				

Heterogeneity: $Tau^2 = 0.12$; $Chi^2 = 8.28$, df = 4 (P = 0.08); $I^2 = 52\%$
Test for overall effect: Z = 2.04 (P = 0.04)



C

Supplementary Figure 5. Pooled estimates for any intracranial hemorrhage (ICH) with Endovascular recanalization therapy vs. control.

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