JoS

Kerleroux et al.   Mechanical Thrombectomy for Large Ischemic Stroke

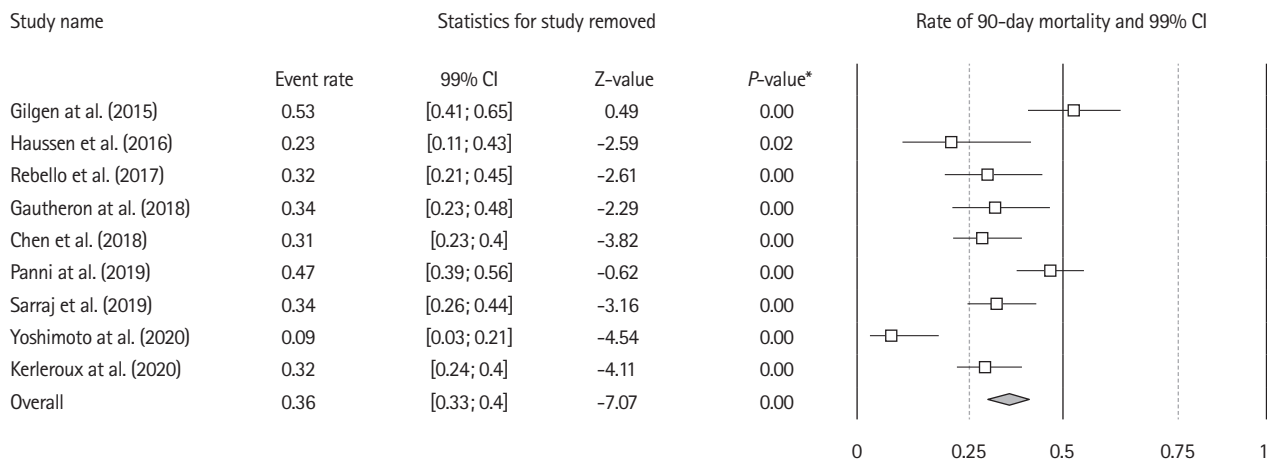| Study name		Statistics for each study					Rate of 90-day unfavorable outcome and 99% CI		Weight
		Event rate	99% CI	Z-value	P-value*	n/N			
CTP	Haussen et al. (2016)	0.73	[0.53; 0.87]	2.26	0.02	19/26			11.9
	Rebello et al. (2017)	0.75	[0.78; 0.95]	4.91	0.00	18/24			12.4
	Chen et al. (2018)	0.68	[0.1; 0.24]	-6.27	0.00	19/28			31.4
	Sarraj et al. (2019)	0.76	[0.67; 0.83]	5.07	0.00	30/39			44.2
	CTP subgroup	0.75	[0.25; 0.91]	0.72	0.47	86/117			
MRI	Gilgen et al. (2015)	0.79	[0.67; 0.87]	4.36	0.00	52/66			13.3
	Gautheron et al. (2018)	0.77	[0.64; 0.87]	3.74	0.00	41/53			11.2
	Campbell et al. (2019)	0.67	[0.58; 0.8]	3.96	0.00	39/58			8.8
	Panni et al. (2019)	0.8	[0.72; 0.86]	6.17	0.00	101/127			25.0
	Yoshimoto et al. (2019)	0.57	[0.43; 0.71]	1.02	0.31	28/49			13.9
	Kerleroux et al. (2020)	0.77	[0.69; 0.83]	5.78	0.00	100/130			27.8
	MRI subgroup	0.76	[0.7; 0.81]	7.02	0.00	361/483			
	Overall	0.74	[0.69; 0.84]	7.04	0.00	447/600			

Supplementary Figure 5. Forest plot of the rates of patients with 90-day unfavorable outcome after mechanical thrombectomy with subgroup analysis per study imaging selection modality. Unfavorable outcome=modified Rankin Scale of 3 or more at day 90. CI, confidence interval; CTP, computed tomography-perfusion; MRI, magnetic resonance imaging. *P-value for heterogeneity.

Study name	Statistics for study removed				Rate of 90-day mortality and 99% CI
	Event rate	99% CI	Z-value	P-value*	
Gilgen at al. (2015)	0.53	[0.41; 0.65]	0.49	0.00	
Haussen et al. (2016)	0.23	[0.11; 0.43]	-2.59	0.02	
Rebello et al. (2017)	0.32	[0.21; 0.45]	-2.61	0.00	
Gautheron at al. (2018)	0.34	[0.23; 0.48]	-2.29	0.00	
Chen et al. (2018)	0.31	[0.23; 0.4]	-3.82	0.00	
Panni at al. (2019)	0.47	[0.39; 0.56]	-0.62	0.00	
Sarraj et al. (2019)	0.34	[0.26; 0.44]	-3.16	0.00	
Yoshimoto at al. (2020)	0.09	[0.03; 0.21]	-4.54	0.00	
Kerleroux at al. (2020)	0.32	[0.24; 0.4]	-4.11	0.00	
Overall	0.36	[0.33; 0.4]	-7.07	0.00	

Supplementary Figure 6. Forest plot for the rates of 90-day mortality. CI, confidence interval. *P-value for heterogeneity.