

Supplementary Table 1. Comparison with previous study antiplatelet pretreatment in AIS patients with LVO received EVT

Variables	Pandhi et al		Mulder et al (MR CLEAN)		Merlino et al		Present study	
	Antiplatelet (n=71)	Non-antiplatelet (n=146)	Antiplatelet (n=144)	Non-antiplatelet (n=356)	Antiplatelet (n=34)	Non-antiplatelet (n=66)	Antiplatelet (n=199)	Non-antiplatelet (n=716)
Age, mean \pm SD, years or median (IQR)	60 \pm 14	66 \pm 14	71(62-78)	63(53-74)	73.9 \pm 9	68.5 \pm 11.8	62(55-69)	64(55-73)
Male, n(%)	35(49)	73(50)	96(67)	196(55)	20(58.8)	38(57.6)	146(73.4)	465(64.9)
Vascular risk factors								
Hypertension	66(93)	100(68)	98(68)	129(36)	30(88.2)	37(56.1)	121(60.8)	378(52.8)
Diabetes mellitus	37(52)	33(23)	26(18)	42(12)	9(26.5)	9(13.6)	33(16.6)	112(15.6)
Atrial fibrillation	22(31)	32(22)	49(34)	86(24)	14(41.2)	27(40.9)	29(14.6)	135(18.9)
Previous stroke	N/A	N/A	40(28)	14(4)	4(11.8)	1(1.5)	22(11.1)	75(10.5)
Smoking	22(31)	41(28)	42(29)	101(28)	4(11.8)	6(9.1)	67(33.7)	244(34.1)
NIHSS score, median (IQR)	16(12-21)	17(12-20)	18(15-22)	18(14-22)	20(17.5-23)	16(11-19)	15(10-20)	14(9-20)
ASPECTS, median (IQR)	10(9-10)	10(8-10)	9(8-10)	9(7-10)	NA	NA	8(7-8)	8(7-8)
Atherosclerotic disease, n(%)	22(31)	48(33)	N/A	N/A	8(23.5)	9(13.6)	148(74.4)	501(70)
Cardioembolism	N/A	N/A	N/A	N/A	15(44.1)	28(42.4)	30(15.1)	138(19.3)
IVT	47(66)	94(64)	N/A	N/A	22(64.7)	38(57.6)	30(15.1)	211(29.5)
OTP, mean (SD)	310(204)	317(179)	N/A	N/A	202.8 \pm 64.5	252.1 \pm 91.3	345(201-460)	310(220-430)
OTR, median (IQR)	N/A	N/A	342(278-410)	339(271-393)	N/A	N/A	417.5(300-562.5)	400(301.5-530)
PTR, median (IQR)	N/A	N/A	68(47-93)	73(52-101)	88.8 \pm 41.4	86.8 \pm 38.9	70(44.25-110)	80(55-115)
Safety outcomes								
sICH	4(6)	10(7)	11(17)	7(4)	1(2.9)	4(6.1)	7(3.5)	44(6.1)
3-month mortality	18(25)	38(26)	21(33)	28(17)	11(32.4)	10(15.2)	33(16.6)	127(17.7)
Efficacy outcomes								
Successful recanalization, (n%)	N/A	N/A	32/54(59)	84/143(59)	31(91.2)	49(74.2)	188(94.5)	650(90.8)
Complete recanalization, n(%)	55(77)	89(61)	N/A	N/A	N/A	N/A	154(77.4)	488(68.2)
Functional independence (mRS0-2)	33(50)	64(48)	15(23)	61(36)	6(17.6)	26(39.4)	101(50.8)	372(52)

Abbreviation: SD, standard deviation; SBP, systolic blood pressure; IQR, interquartile range; NIHSS, National Institutes of Health Stroke Scale score; ASPECTS, Alberta Stroke Program Early CT score; OTP, onset-to-puncture; OTR, onset-to-recanalization; PTR, puncture-to-recanalization; IVT, intravenous thrombolysis; sICH, symptomatic intracranial hemorrhage; mRS, modified Rankin Scale.