

Supplementary Table 1: Summary of the NE group subdivided by OTR category

| | Category 1 (0-3 h) | Category 2 (3-6 h) | Category 3 (>6 h or unknown) | Category 4 (failed recanalization) | P |
|--------------------------|--------------------|--------------------|------------------------------|------------------------------------|---------|
| N | 20 | 56 | 40 | 27 | |
| Age | 70(67-74) | 67(51-75) | 72(64-74) | 74(59-77) | 0.53 |
| Male | 17(85%) | 41(73%) | 32(80%) | 18(67%) | 0.32 |
| HT | 12(60%) | 34(61%) | 28(70%) | 18(67%) | 0.42 |
| DM | 2(10%) | 9(16%) | 11(28%) | 3(11%) | 0.64 |
| DL | 6(30%) | 15(27%) | 10(25%) | 5(19%) | 0.35 |
| Cardiogenic embolization | 19(95%) | 36(64%) | 26(65%) | 15(56%) | 0.018* |
| Antiplatelets | 2(10%) | 12(21%) | 6(15%) | 4(15%) | 0.92 |
| Anticoagulants | 6(30%) | 8(14%) | 7(18%) | 6(22%) | 0.83 |
| D-ASPECTS | 7(6-9) | 8(6-9) | 8(6-9) | 7(6-8) | 0.62 |
| NIHSS | 18(13-23) | 17(11-22) | 16(12-20) | 16(12-21) | 0.34 |
| ICA occlusion | 10(50%) | 16(29%) | 15(38%) | 14(52%) | 0.42 |
| mTICI3 | 14(70%) | 27(48%) | 19(48%) | 0(0%) | <0.001* |
| Any bleeding | 5(25%) | 17(30%) | 11(28%) | 11(41%) | 0.38 |
| SAH | 2(10%) | 9(16%) | 5(13%) | 6(22%) | 0.38 |
| sICH | 0(0%) | 3(5%) | 3(8%) | 2(7%) | 0.38 |
| mRS score 0-2 at 90 days | 18(85%) | 30(54%) | 19(48%) | 7(26%) | <0.001* |

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|------------------|-------|-------|--------|--------|------|
| Death at 90 days | 1(5%) | 2(4%) | 4(10%) | 4(15%) | 0.08 |
|------------------|-------|-------|--------|--------|------|

D-ASPECTS: diffusion-weighted imaging Alberta stroke program early CT score, DM: diabetes mellitus, DL: dyslipidemia, HT: hypertension, ICA: internal carotid artery, mRS: modified Rankin scale, mTICI: modified thrombolysis in cerebral infarction scale, NIHSS: National Institutes of Health Stroke Scale, OTR: onset to reperfusion time, SAH: subarachnoid hemorrhage, sICH: symptomatic intracranial hemorrhage

* significant ($P < 0.05$)