Supplement online 3: Outcomes in anterior circulation

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|  | Unadjusted Analysis | PS-Matched Analysis |
|  | Shortn= 243 | Longn= 64 | P-Value | Shortn= 306 | Longn= 337 | P-Value |
| **Primary outcome**  |
| First-pass reperfusion |
| mTICI 3 | 69(28.4%) | 19(29.7%) | 0.839 | 88(28.8%) | 91(27.0%) | 0.620 |
| mTICI ≥2b | 111(45.7%) | 27(42.2%) | 0.617 | 137(44.8%) | 133(39.5%) | 0.162 |
| **Secondary outcome** |
| Final reperfusion  |
| mTICI ≥2b | 206(85.8%) | 57(89.1%) | 0.384 | 258(84.3%) | 314(93.2%) | <0.001 |
| mTICI 3 | 103(42.4%) | 31(48.4%) | 0.399 | 128(41.8%) | 148(43.9%) | 0.593 |
| Number of passes, mean ± SD  | 2.7 ± 2.2 | 2.8 ± 2.3 | 0.596 | 2.7 ± 2.2 | 2.8 ± 2.2 | 0.650 |
| Groin puncture – reperfusion (minutes), mean ± SD  | 62.7 ± 41.6 | 71.8 ± 50.4 | 0.140 | 64.1 ± 42.6 | 79.6 ± 53.7 | <0.001 |
| Subarachnoid hemorrhage | 21(8.6%) | 7(10.9%) | 0.570 | 29(9.5%) | 67(19.9%) | <0.001 |
| **Clinical Outcome** |
| mRS score ≤ 2 at discharge | 71(29.2%) | 7(10.9%) | 0.003 | 86(28.1%) | 28(8.3%) | <0.001 |
| mRS score ≤ 2 at 90 days | 91/224(40.6%) | 11/54(20.4%) | 0.006 | 109/281(38.8%) | 53/305(17.4%) | <0.001 |

mRS: modified Rankin Scale; mTICI: modified thrombolysis in cerebral infarction; SD: standard deviation