Supplement online 4: Outcomes in occlusions with low clot burden

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

|  |  |  |
| --- | --- | --- |
|  | Unadjusted Analysis | PS-Matched Analysis |
|  | Shortn= 190 | Longn= 49 | P-Value | Shortn= 238 | Longn= 257 | P-Value |
| **Primary outcome**  |
| First-pass reperfusion |
| mTICI 3 | 50(26.3%) | 13(26.5%) | 0.976 | 64(26.9%) | 44(17.1%) | 0.009 |
| mTICI ≥2b | 81(42.6%) | 19(38.8%) | 0.626 | 101(42.4%) | 78(30.4%) | 0.005 |
| **Secondary outcome** |
| Final reperfusion  |
| mTICI ≥2b | 160(84.2%) | 43(87.8%) | 0.536 | 200(84.0%) | 237(92.2%) | 0.005 |
| mTICI 3 | 77(40.5%) | 23(46.9%) | 0.417 | 95(39.9%) | 111(43.2%) | 0.460 |
| Number of passes, mean ± SD  | 2.9 ± 2.3 | 3.0 ± 2.5 | 0.440 | 2.9 ± 2.3 | 3.1 ± 2.3 | 0.325 |
| Groin puncture – reperfusion (minutes), mean ± SD  | 65.2 ± 45.2 | 70.7 ± 50.8 | 0.616 | 66.4 ± 43.1 | 71.8 ± 50.3 | 0.201 |
| Subarachnoid hemorrhage | 17(8.9%) | 6(12.2%) | 0.485 | 23(9.7%) | 52(20.2%) | 0.001 |
| **Clinical Outcome** |
| mRS score ≤ 2 at discharge | 47(24.7%) | 7(14.3%) | 0.118 | 57(23.9%) | 26(10.1%) | <0.001 |
| mRS score ≤ 2 at 90 days | 65/176(36.9%) | 10/43(23.3%) | 0.09 | 78/220(35.5%) | 53/239(22.2%) | 0.002 |