**Supplementary Table 1.** Baseline characteristics of studied patients with ischemic stroke treated with mechanical thrombectomy

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| **Demographics** |  |
| Age [years]; median (IQR) | 71 (65-81) |
| Females, *n* (%) | 161 (52.4) |
| **Stroke risk factors** |  |
| Hypertension, *n* (%) | 221 (72) |
| Diabetes mellitus, *n* (%) | 63 (20.5) |
| Ischemic heart disease, *n* (%) | 40 (13) |
| Atrial fibrillation, *n* (%) | 88 (28.7) |
| Hypercholesterolemia, *n* (%) | 52 (16.9) |
| Smoking, *n* (%) | 68 (22.1) |
| History of stroke or TIA, *n* (%) | 39 (12.7) |
| **Clinical characteristics** |  |
| Baseline NIHSS score, median (IQR) | 16 (12-20) |
| Time from onset to puncture [minutes], median (IQR) | 290 (216-360) |
| Intravenous thrombolysis, *n* (%) | 180 (58.6) |
| Successful recanalization, (mTICI ≥2b), *n* (%) | 270 (87.9) |
| Occlusion of ICA or tandem occlusion, *n* (%) | 66 (21.5) |
| Blood glucose concentration [mmol/L], median (IQR) | 6.06 (5.12-7.4) |
| WBC count [109/L], median (IQR) | 9 (7.3-11.6) |
| NIHSS score on day 7, median (IQR) | 5 (2-12) |
| Use of antiplatelets, *n* (%) | 77 (25.1) |
| Use of anticoagulants, *n* (%) | 77 (25.1) |
| **Radiological examination** |  |
| Baseline ASPECT score, median (IQR) | 8 (7-9) |
| Penumbra volume [mL], median (IQR) | 97 (61-130) |
| Infarct volume (CBF<30%) [mL] , median (IQR) | 10 (0-27) |
| **Stroke-related complications** |  |
| Pneumonia, *n* (%) | 69 (22.5) |
| Urinary tract infection, *n* (%) | 58 (18.9) |
| Hemorrhagic transformation, *n* (%) | 66 (21.5) |
| **Stroke etiology** |  |
| Cardioembolic, *n* (%) | 133 (43.3) |
| Large vessel disease, *n* (%) | 52 (16.8) |
| Rare, *n* (%) | 10 (3.2) |
| Undetermined, *n* (%) | 112 (36.1) |
| **Outcomes** |  |
| Hospitalization time [days], median (IQR) | 10 (9-13) |
| 90-day good functional outcome (mRS≤2), *n* (%) | 192 (62.5) |
| 90-day case-fatality, *n* (%) | 47 (15.3) |

Abbreviations: ASPECT - Alberta Stroke Programme Early CT Score; CBF - cerebral blood flow; ICA – internal carotid artery; IQR – interquartile range; mTICI - modified Thrombolysis in Cerebral Infarction; mRS – modified Rankin scale; NIHSS - National Institutes of Health Stroke Scale, TIA – transient ischemic attack; WBC – white blood cells.