Supplemental Information

Clinical Risk factors of asymptomatic deep venous thrombosis in acute stroke patients

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Supplementary Table 1 . Baseline Characteristics of Ischemic stroke Patients (n=385)

| Characteristics                                      | DVT n=35 | No DVT n=350 | P-value |
|------------------------------------------------------|----------|--------------|---------|
| Age, years, median(IQR)                              | 72(59-79)| 64(56-72)    | 0.022   |
| Gender, males, (n, %)                                | 15(42.9)| 246(70.3)    | 0.001   |
| BMI, median(IQR)                                     | 24.80(21.64-27.17) | 24.22 (22.15-26.26) | 0.747   |
| Onset to admission, days, median(IQR)                | 1.00(0.00-4.00) | 2.00(1.00-5.00) | 0.239   |
| LOS, days, median(IQR)                               | 14.00(10.00-20.00) | 9.00(7.00-11.00) | 0.000   |
| Length of stay in the ICU, days, median(IQR)         | 0.00(0.00-9.00) | 0.00(0.00-1.00) | 0.021   |
| NIHSS, median(IQR)                                   | 111.00(6.00-17.00) | 3.00(1.00-8.00) | 0.000   |
| r-tPA (n, %)                                         | 6(17.14)| 54(15.42)    | 0.790   |

Baseline Characteristics

| Characteristics                                      | DVT n=35 | No DVT n=350 | P-value |
|------------------------------------------------------|----------|--------------|---------|
| Systolic blood pressure, mmHg, median(IQR)           | 149(131-165) | 150(132.75-166) | 0.642   |
| Diastolic blood pressure, mmHg, median(IQR)          | 83(74-89) | 82(75-91)    | 0.619   |

Mobility

| Mobility                                             | DVT n=35 | No DVT n=350 | P-value |
|------------------------------------------------------|----------|--------------|---------|
| Aid (n, %)                                           | 29(82.9)| 85(24.3)     | 0.000   |
| Partly Aid (n, %)                                    | 5(14.3)| 184(52.6)    |         |
| No Aid (n, %)                                        | 1(2.9)| 81(23.1)     |         |

OCSP

| OCSP                                                 | DVT n=35 | No DVT n=350 | P-value |
|------------------------------------------------------|----------|--------------|---------|
| Lacuna (n, %)                                        | /        | 38(10.9)     | 0.030   |
| Partial anterior circulation (n, %)                  | 19(54.3)| 187(53.4)    |         |
| Posterior circulation (n, %)                         | 10(28.6)| 103(29.4)    |         |
| Total anterior circulation (n, %)                    | 6(17.1)| 22(6.3)      |         |

TOAST

| TOAST                                                | DVT n=35 | No DVT n=350 | P-value |
|------------------------------------------------------|----------|--------------|---------|
| Large-artery atherosclerosis (n, %)                  | 13(37.1)| 160(45.7)    |         |
| Cardioembolism (n, %)                                | 14(40.0)| 33(9.4)      |         |
| Small-artery occlusion (n, %)                        | 2(5.7)| 91(26.0)     |         |
| Stroke of other determined cause (n, %)              | 3(8.6)| 22(6.3)      |         |
| Stroke of undetermined cause (n, %)                  | 3(8.6)| 44(12.6)     |         |

Risk factors

| Risk factors                                         | DVT n=35 | No DVT n=350 | P-value |
|------------------------------------------------------|----------|--------------|---------|
| AF (n, %)                                            | 12(34.3)| 24(6.9)      | 0.000   |
| Diabetes Mellitus (n, %)                             | 7(20.0)| 104(29.7)    | 0.226   |
| Hypertension (n, %)                                  | 22(62.9)| 234(66.9)    | 0.633   |
| Smoking (n, %)                                       | 12(34.3)| 169(48.3)    | 0.114   |

DVT, deep vein thrombosis; BMI, body mass index; LOS: length of stay; NIHSS, National Institute of Health Stroke Scale; r-tPA, recombinant tissue plasminogen activator
OCSP, Oxfordshire Community Stroke Project; AF, atrial fibrillation; IQR, interquartile range
We measured mobility if the patients could mobilize to the toilet with or without the help of another person.