**Table S1.** Clinical characteristics of thrombolytic patients, stratified by the development of sHT

|  |  |  |  |
| --- | --- | --- | --- |
|  | **No sHT (n=229)** | **sHT (n=13)** | ***P*** |
| **Age in years, mean ± SD** | 68.4±14.1 | 71.1±13.4 | 0.51 |
| **Female, n (%)** | 81 (35.4%) | 7 (53.8%) | 0.24 |
| **Hypertension, n (%)** | 177 (77.3%) | 8 (61.5%) | 0.19 |
| **Diabetes mellitus, n (%)** | 69 (30.1%) | 3 (23.1%) | 0.76 |
| **Hyperlipidemia, n (%)** | 90 (39.3%) | 5 (38.5%) | 1.00 |
| **Atrial fibrillation, n (%)** | 69 (30.1%) | 11 (84.6%) | **<0.001** |
| **Coronary artery disease, n (%)****History of stroke, n (%)****Current Smoking, n (%)****Current Drinking, n (%)****Current antithrombotic therapy, n (%)****OTT, min, median (IQR)****Baseline NIHSS score, median (IQR)****Baseline SBP in mm Hg, mean ± SD****Baseline DBP in mm Hg, mean ± SD****Baseline blood glucose in mmol/L, median (IQR)****Platelets in 109/L, median (IQR)****INR, median (IQR)****APTT in sec, median (IQR)****Serum magnesium in mmol/L, mean ± SD****Serum calcium in mmol/L, mean ± SD****HbA1c in %, median (IQR)****TC in mmol/L, median (IQR)****LDL\_C in mmol/L, median (IQR)****Bridge therapy, n (%)** | 24 (10.5%)28 (12.2%)56 (24.5%)44 (19.2%)36 (15.7%)170 (125-208)8 (5-14)156.7±21.787.4±15.97.00 (6.01-9.14)191 (165-236)1.04 (.99-1.10)33.8 (30.7-36.6)0.84±0.082.25±0.115.90 (5.50-6.54)4.34 (3.72-5.16)2.56 (2.00-3.28)23 (10.0%) | 0 (0%)3 (23.1%)2 (15.4%)1 (7.7%)3 (23.1%)160 (120-213)12 (8-18)156.3±18.291.5±8.17.03 (6.73-9.52)190 (135-231)1.10 (1.04-1.17)33.3 (30.7-35.0)0.81±0.102.22±0.146.10 (5.75-6.61)4.01 (3.22-5.12)2.50 (1.69-2.91)2 (15.4%) | 0.370.220.740.470.450.72**0.034**0.950.110.580.35**0.016**0.630.210.330.440.240.350.63 |

APTT: activated partial thromboplastin time; DBP: diastolic blood pressure; HT: hemorrhagic transformation; INR: international normalized ratio; IQR: interquartile range; LDL-C: low-density lipoprotein cholesterol; NIHSS: National Institutes of Health Stroke Scale; OTT: onset-to-treatment time; SBP: systolic blood pressure; SD: standard deviation; TC: total cholesterol.

**Table S2.** Multiple logistic regression analysis to identify predictors for symptomatic hemorrhagic transformation

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| --- | --- | --- |
|  | **OR (95% CI)** | ***P*** |
| **Atrial fibrillation****Baseline NIHSS score****INR, per 0.1 increase****Magnesium, per 0.1-mmol/L increase** | 11.59 (2.40-56.12)1.03 (0.97-1.11)1.23 (0.78-1.93)0.52 (0.25-1.11) | 0.0020.3260.3700.092 |

CI: Confidence interval; INR, international normalized ratio; NIHSS, National Institutes of Health Stroke Scale; OR: Odds ratio.