SUPPLEMENTAL MATERIAL

Supplemental Tables
**Supplemental Table I.** Patient characteristics stratified by included and excluded centers, which participated in the Dutch acute stroke study (DUST)

| Characteristic               | Included n=638 | Excluded n=755 |
|-----------------------------|----------------|---------------|
| Age, mean±SD                | 67±14          | 67±14         |
| Male sex, n (%)             | 365 (57)       | 431 (57)      |
| mRS≥3 before stroke         | 44 (7)         | 39 (5)        |
| Admission NIHSS, median (Q1-Q3) | 6 (3-12)     | 6 (3-12)      |
| Intravenous thrombolysis, n (%) | 390 (61)    | 479 (63)      |
| Endovascular treatment, n (%) | 41 (6)         | 40 (5)        |

**Medical history**

- Hypertension, n (%) 319 (50) 408 (54)
- Diabetes mellitus, n (%) 84 (13) 129 (17)
- Hyperlipidemia, n (%) 190 (30) 267 (35)
- Smoking currently, n (%) 193 (32) 188 (25)
- Former smoking, n (%) 176 (29) 237 (31)
- Never smoked, n (%) 228 (38) 245 (33)
- Atrial fibrillation, n (%) 87 (14) 90 (12)
- Anticoagulant medication, n (%) 94 (15) 72 (10)
- History of stroke/TIA, n (%) 136 (21) 206 (27)
- History of MI, n (%) 75 (12) 95 (13)
- History of PAD, n (%) 34 (5) 48 (6)

**Imaging findings**

- Old infarcts on NCCT, n (%) 194 (30) 214 (28)
- Hyperdense vessel sign, n (%) 128 (20) 155 (21)
- Early signs of ischemia on NCCT, n (%) 173 (27) 170 (23)
- Perfusion deficit present on CTP, n (%) 410 (66) 387 (51)
- CBV (pc)ASPECTS, median (Q1-Q3) 10 (8-10) 10 (8-10)
- CBV (pc)ASPECTS ≤7, n (%) 148 (24) 138 (18)
- MTT (pc)ASPECTS, median (Q1-Q3) 9 (4-10) 9 (5-10)
- MTT (pc)ASPECTS ≤7, n (%) 261 (42) 249 (33)
- ICA stenosis >70% or occlusion on CTA 137 (22) 108 (14)
- Occlusion on CTA, n (%) 351 (55) 362 (48)
- Clot burden score, median (Q1-Q3) 10 (8-10) 10 (8-10)
- Poor collateral score, n (%) 108 (17) 64 (9)

**TOAST classification**

- LAA, n (%) 203 (32) 217 (29)
- CE, n (%) 119 (19) 116 (15)
- SVD, n (%) 65 (10) 118 (16)
- Other, n (%) 53 (8) 50 (7)
- Unknown, n (%) 198 (31) 254 (34)

**Follow-up**

- Poor clinical outcome at 90 days*, n (%) 254 (40) 247 (33)

* defined as modified Rankin scale equal or greater than 3

DUST indicates Dutch Acute Stroke Study; SD, standard deviation; mRS, modified Rankin Scale; NIHSS, National Institutes of Health Stroke Scale; TIA, transient ischemic attack; MI, myocardial infarction; PAD, peripheral artery disease; NCCT, non-contrast CT; CBV, cerebral blood volume; ASPECTS, Alberta Stroke Program Early CT Score; MTT, mean transit time; ICA, internal carotid artery.