SUPPLEMENTAL MATERIAL
Table S1. Baseline features, procedural metrics and outcomes in the 2 groups (rescue therapy vs. matched control) after matching for age, onset to groin time, admission NIHSS, location of the occlusion, final mTICI score, and the center that the procedure was done at.

| Variable                        | Rescue therapy group (N=85) | Control group (n=85) | P-value |
|---------------------------------|----------------------------|----------------------|---------|
| Age, median (IQR)               | 68 (61-75)                 | 68 (60-76)           | 0.976   |
| Females, n (%)                  | 36 (42.4%)                 | 34 (40%)             | 0.755   |
| White, n (%)                    | 49 (57.6%)                 | 55 (64.7%)           | 0.345   |
| HTN, n (%)                      | 62 (72.9%)                 | 59 (69.4%)           | 0.611   |
| DM, n (%)                       | 29 (34.1%)                 | 25 (29.4%)           | 0.51    |
| Afib, n (%)                     | 12 (14.1%)                 | 29 (34.1%)           | 0.002   |
| HLD, n (%)                      | 37 (43.5%)                 | 34 (40%)             | 0.641   |
| Prior stroke, n (%)             | 8 (9.4%)                   | 4 (4.7%)             | 0.231   |
| Admission NIHSS, median (IQR)   | 15 (10-20)                 | 16 (11-20)           | 0.687   |
| IV-tPA, n (%)                   | 43 (50.6%)                 | 43 (50.6%)           | >0.999  |
| ASPECTS, median (IQR)           | 9 (7-10)                   | 8 (7-10)             | 0.534   |
| Posterior circulation stroke, n (%) | 4 (4.7%)                 | 4 (4.7%)             | >0.999  |
| Onset to groin in minutes, median (IQR) | 288 (187-451)           | 291 (200-445)        | 0.924   |
| Number of passes, median (IQR)  | 3 (2-5)                    | 2 (1-4)              | 0.09    |
| mTICI≥2b, n (%)                 | 77 (90.6%)                 | 77 (90.6%)           | >0.999  |
| Procedure duration in           | 42 (26-87)                 | 32 (16-60)           | 0.007   |
|                           | Group 1 | Group 2 | p-value |
|---------------------------|---------|---------|---------|
| minutes, median (IQR)     |         |         |         |
| Peri-procedural complications, n (%) | 1 (1.2%) | 1 (1.2%) | >0.999 |
| sICH, n (%)               | 6 (7.1%) | 9 (10.6%) | 0.417  |
| 90-day mRS, median (IQR)  | 2 (1-4)  | 2 (1-4)  | 0.825  |
| Favorable 90-day outcomes, n (%) | 44 (51.8%) | 48 (56.5%) | 0.538  |
| 90-day mortality          | 17 (20%) | 11 (12.9%) | 0.215  |

Afib: atrial fibrillation, ASPECT: Alberta Stroke Program Early CT, DM: Diabetes, HLD: hyperlipidemia, HTN: hypertension, IV-tPA: intravenous tissue plasminogen activator, mRS: modified Rankin scale, mTICI: modified Thrombolysis in Cerebral Infarction, NIHSS: National Institute of Health stroke scale, sICH: symptomatic intracerebral hematoma.