

## SUPPLEMENTARY MATERIAL

### Search string

((cerebrovasc\*) OR (stroke\*)) AND ((mechanic\*) OR (thrombec\*) OR (endovasc\*) OR (thrombectomy [MeSH])) AND ((large) AND ((core) OR (infarct)))

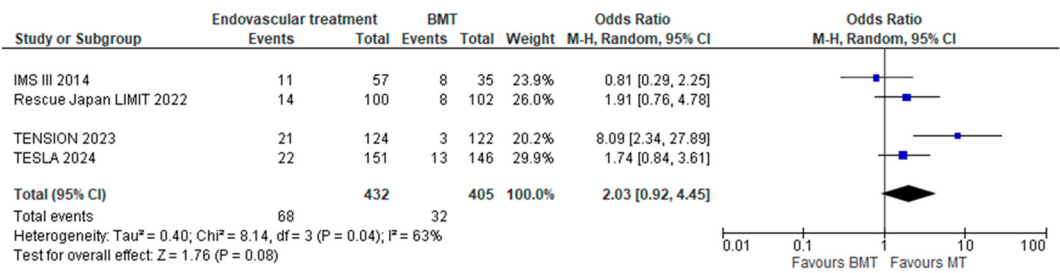
**Table S1:** Baseline characteristics between interventional and control group\*

|                           | MT  | BMT |
|---------------------------|-----|-----|
| <b>Number</b>             | 808 | 794 |
| <b>Median Age (yrs)</b>   | 70  | 71  |
| <b>Male</b>               | 432 | 437 |
| <b>Median NIHSS onset</b> | 18  | 17  |
| <b>Hypertension</b>       | 548 | 542 |
| <b>Diabetes</b>           | 190 | 169 |
| <b>Dyslipidemia</b>       | 81  | 81  |
| <b>AF</b>                 | 243 | 236 |
| <b>ASPECTS value</b>      |     |     |
| <b>0 - 2</b>              | 52  | 56  |
| <b>3</b>                  | 185 | 195 |
| <b>4</b>                  | 137 | 118 |
| <b>5</b>                  | 100 | 109 |

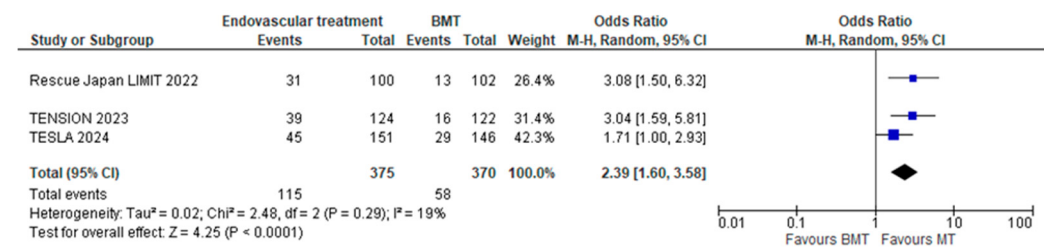
\* no data available for IMS III trial; no ASPECT Score data available for SELECT2 and TESLA trials.

**Figure S1.** Sensitivity analysis for functional independence (A) and good functional outcome (B) including only studies that did not rely on perfusion imaging for patient inclusion.

A. mRS 0-2



B. mRS 0-3



**Table S2** Change in estimates including the LASTE trial – published after end-date of systematic search -.

|                                            | without LASTE           |                | with LASTE              |                |
|--------------------------------------------|-------------------------|----------------|-------------------------|----------------|
|                                            | OR estimate<br>(95%CI)* | I <sup>2</sup> | OR estimate<br>(95%CI)* | I <sup>2</sup> |
| <b>mRS 0-2</b>                             | 2.47 (1.52-4.03)        | 56%            | 2.55 (1.68-3.86)        | 47%            |
| <b>sICH</b>                                | 1.77 (1.01-3.11)        | 0%             | 1.61 (0.97-2.69)        | 0%             |
| <b>mRS 0-3</b>                             | 2.20 (1.72-2.81)        | 10%            | 2.02 (1.50-2.74)        | 46%            |
| <b>mRS 0-1</b>                             | 1.58 (0.87-2.90)        | 46%            | 1.65 (0.96-2.83)        | 40%            |
| <b>mRS shift analysis (generalized OR)</b> | 1.62 (1.38-1.90)        | 33%            | 1.59 (1.33-1.82)        | 42%            |