

Supplementary Online Content

Bourcier R, Goyal M, Liebeskind DS, et al. Association of time from stroke onset to groin puncture with quality of reperfusion after mechanical thrombectomy. *JAMA Neurol.* Published online January 22, 2019. doi:10.1001/jamaneurol.2018.4510

eAppendix. The HERMES Investigator List

eTable 1. Thrombolysis In Cerebral Infarction (TICI) Scale

eTable 2. Clot Burden Score by Time Interval of Onset to Arterial Puncture

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Thrombolysis In Cerebral Infarction (TICI) Scale

Score TICI	Angiographic patterns
0	No perfusion or anterograde flow beyond site of occlusion
1	Penetration but not perfusion. Contrast penetration exists past the initial obstruction but with minimal filling of the normal territory
2	Incomplete perfusion wherein the contrast passes the occlusion and opacifies the distal arterial bed but rate of entry or clearance from the bed is slower or incomplete when compared with non-involved territories
2A	Some perfusion with distal branch filling of <50% of territory visualized
2B	Substantial perfusion with distal branch filling of \geq 50% of territory visualized
2C	Near-complete perfusion except for slow flow in a few distal cortical vessels or presence of small distal cortical emboli
3	Complete perfusion with normal filling of all distal branches

eTable 2: Clot burden score by time interval of onset to arterial puncture.

Clot burden score by onset to arterial puncture (min)							
Onset to arterial puncture	N	Mean	Std Dev	Median	Q1	Q3	p-value
0-179 min	163	4.0	2.7	4.0	1.0	6.0	0.610
180-239 min	209	4.3	2.4	4.0	4.0	6.0	
240-299 min	185	4.2	2.3	4.0	4.0	6.0	
300-359 min	104	3.8	2.6	4.0	1.0	6.0	
360+ min	157	4.1	2.4	4.0	3.0	6.0	

Table 2 displays summary statistics for clot burden scores, grouped by time from onset to arterial puncture. The resulting p-value evaluates the association between score and time, which was found to be nonsignificant.

eAppendix. HERMES Investigator List

The HERMES collaboration includes the collaborators from five endovascular acute ischemic stroke trials. The links to the author and collaborator lists for each of these trials is given below. In addition, the list of collaborators is appended to the following pages.

MRCLEAN	trial
http://www.nejm.org/doi/suppl/10.1056/NEJMoa1411587/suppl_file/nejmoa1411587_appendix.pdf	ESCAPE
trial	http://www.nejm.org/doi/suppl/10.1056/NEJMoa1414905/suppl_file/nejmoa1414905_appendix.pdf
EXTEND-IA	trial
http://www.nejm.org/doi/suppl/10.1056/NEJMoa1414792/suppl_file/nejmoa1414792_appendix.pdf	SWIFT-
PRIME trial	http://www.nejm.org/doi/suppl/10.1056/NEJMoa1415061/suppl_file/nejmoa1415061_appendix.pdf
REVASCAT	trial
http://www.nejm.org/doi/suppl/10.1056/NEJMoa1503780/suppl_file/nejmoa1503780_appendix.pdf	

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