## Supplemental Table 1. Trial schedule

Schedule of assessments						
Visits		0	1	2	3	4
		Screening and randomization	Baseline	Post-randomization	7–10 Days or discharge	90 Days
Assessment	Time window	Day 0	Day 0	24 ± 6 hours	Day 7-10 (if discharge is earlier, at discharge)	Day 90 ± 15 days
	Method	Clinical visit	Intervention	Clinical visit	Clinical visit	Clinical visit or telephone interview <sup>8</sup>
Informed consent		Х			X 1	x 1
Medical history <sup>2</sup>		Х				
Pregnancy test <sup>2</sup>		Х				
Blood labs <sup>2</sup>		X				
NIHSS <sup>2</sup>		X		X	x	<b>X</b> <sup>3</sup>
Pre-stroke mRS <sup>2, 4</sup>		Х				
Randomization		Х				
MRI or NCCT <sup>2</sup>		Х		Х		
ASPECTS 2,7		X				
MRA or CTA <sup>2</sup>		X <sup>5</sup>		X <sup>5, 6</sup>		
Catheter angiography <sup>2</sup>			х			
Concomitant medications <sup>2</sup>		Х	х	X	х	Х
Concomitant procedure <sup>2</sup>			х	X	х	Х
Adverse events			х	X	Х	Х
Resource utilization					Х	х
mRS					х	X 3
EuroQol 5D-3L						Х
Optional: Applicable only to sites with DWI/PWI MRI or CT perfusion imaging as local standard of care:						
DWI/PWI MRI or CT perfusion <sup>2</sup>		х		х		

- 1. Post-hoc consent if patient was not able to give consent at trial inclusion (according to nationally applicable law)
- 2. Routine examination for AIS patients
- 3. Assessment to be performed by an independent evaluator blinded to treatment assignment
- 4. Pre-stroke mRS assessment is completed by obtaining verification from an individual aware of the subject's functional status prior to stroke (e.g. family member, friend, etc.)
- 5. Imaging of head and neck is required
- 6. Recommended if standard of care or if an extracranial stent was placed
- 7. ASPECTS scoring has to be performed by a trained physician. The optional use of additional software e.g. RAPID is allowed
- 8. Clinical visit whenever possible, otherwise telephone interview

NIHSS, National Institutes of Health Stroke Scale; mRS, modified Rankin Scale; MRI, magnetic resonance imaging; NCCT, non-contrast computed tomography; ASPECTS, Alberta Stroke Program Early CT Score; MRA, magnetic resonance angiography; CTA, computed tomography angiography; DWI, diffusion-weighted imaging; PWI, perfusion-weighted imaging