

**On-line Table: Descriptions of the premorbid conditions of the patients in studies**

Authors, Year	No.	Age (yr)	Imaging	Selection Criteria	NIHSS	ASPECTS	Device	Study	Patients Included with Baseline mRS ≤ 2
Broussalis et al, 2016 <sup>9</sup>	28	82.5	CT and CTA or MR, MRA, MRP	LAO (ICA, M1, or BA), no ICH, NIHSS ≥4, premorbid mRS ≤2, present ≤6 hr	18	NA	SR	P	28
Kurre et al, 2013 <sup>10</sup>	109	83	CT or MRI, CTA, or MRA	Ant circ LAO, no ICH, NIHSS ≥4, NIHSS <4 considered, present ≤8 hr, present >8 hr considered	15	NA	SR and A	R	95
Ribo et al, 2014 <sup>11</sup>	72	83	CT and CTA	Ant circ LAO (ICA or M1 or M2), NIHSS ≥7, ASPECTS ≥7, present ≤8 hr, present >4.5 hr considered	19	10	IA thrombolysis and SR	R	72
Azkune Calle et al, 2017 <sup>12</sup>	31	85.2	NA	Ant circ LAO, not improved within first 30 min of IVT, present ≤6 hr	16.6	8.6	SR	R	31
To et al, 2015 <sup>13</sup>	18	NA	Significant penumbra on CTP or MRP	NIHSS ≥8 or severe focused deficit, present ≤8 hr	18.2	NA	NA	R	NA
Cohen et al, 2016 <sup>14</sup>	16	83.4	CT and CTA, MRA, or DSA	Ant circ LAO (ICA, prox MCA), no ICH, NIHSS ≥10, premorbid mRS ≤2, present ≤8 hr, Infarct ≤1/3 MCA territory, INR < 3, no preexisting terminal illness, no deep coma	18.4	NA	SR	R	16
Khan et al, 2016 <sup>15</sup>	18	91.9	CT, CTA	NA	18.2	NA	NA	R	17
Kleine et al, 2016 <sup>16</sup>	40	NA	NA	NA	15	9	NA	R	24
Möhlenbruch et al, 2017 <sup>17</sup>	29	91.9	CT and CTA or MR and MRA	LAO, mild-to-moderate premorbid disability, infarct size not ≤1/3 of MCA territory	20	NA	SR	R	NA
Sallustio et al, 2017 <sup>18</sup>	62	84.9	CT and CTA	Ant circ LAO (terminal ICA, M1, M2, or A1 or A2), NIHSS ≥10, premorbid mRS ≤2, present ≤5 hr	18	7.9	SR and A	P	62
Son et al, 2017 <sup>19</sup>	34	82	CTA or MRA	Ant circ LAO, infarct size ≤1/2 of MCA territory, premorbid mRS ≤2, present ≤8 hr	18	8	SR and A	P	34
Zacharatos et al, 2012 <sup>20</sup>	46	84	CT and CTA, MRI, CTP/MRP if present ≥6 hr	Present ≤9 hr, infarct size ≤1/3 MCA territory	17.5	NA	NA	R	NA
Lima et al, 2016 <sup>21</sup>	111	84.8	NA	NA	19.1	8	SR and A	R	87
Parilla et al, 2015 <sup>23</sup>	34	NA	CT, CTA, and CTP	EVT performed as rescue therapy if no improvement in NIHSS of >4 within 60 min of starting IVT or if IVT contraindicated	18.1	NA	SR	R	NA
Castonguay et al, 2014 <sup>22</sup>	78	85.2	NA	NA	18.9	NA	SR	R	58
Figueiredo et al, 2017 <sup>24</sup>	35	83.9	CT, CTA	ASPECTS <6, mRS ≤2	17	8	SR	P	35
HERMES, 2016 <sup>8</sup>	99	NA	NA	NA	NA	NA	SR and A	P	NA

**Note:**—LAO indicates large artery occlusion; BA, basilar artery; SR, stent retriever; MRP, MR perfusion; Ant circ, anterior circulation; ICA, intra-arterial; A, aspiration; NA, not available; IVT, intravenous thrombolysis; prox, proximal; R, retrospective; P, prospective; INR, international normalized ratio; ICH, intracranial hemorrhage.