

## SUPPLEMENTAL MATERIAL

**Table-S-I: Qualitative evaluation of DSC perfusion**

	Image quality (Median, Range)	Perfusion abnormality	Location
<b>Pretreatment (n=23)*</b>			
Observer-1	3, 2-3	Hypoperfusion n= 22 Both hypo & hyperperfusion n= 1	Both cortical and BG n=18 Cortical n=5
Observer-2	3, 2-3	Hypoperfusion n=21 Both hypo & hyperperfusion n=2	Both cortical and BG n=17 Cortical n=6
p- value (Wilcoxon)	0.9	0.6	0.73
K value	0.95	0.83	K=0.8
<b>Posttreatment (n=25)</b>			
Observer-1	3, 2-3	Hypoperfusion n= 6 Both hypo & hyperperfusion n= 12 Hyperperfusion n= 7	Both cortical and BG n=19 Cortical n=6
Observer-2	3, 2-3	Hypoperfusion n= 6 Both hypo & hyperperfusion n= 11 Hyperperfusion n= 8	Both cortical and BG n=18 Cortical n=7
p- value (Wilcoxon)	1	0.86	1
K value	1	0.95	0.91

\* Two studies were not diagnostic

**Table-S-II: Qualitative evaluation of ASL perfusion**

	Image quality (Median, Range)	Perfusion abnormality	Location
<b>Pretreatment (n=22)*</b>			
Observer-1	2.3, 2-3	Hypoperfusion n= 16 Both hypo & hyperperfusion n= 5 No perfusion defect n=1	Both cortical and BG n=13 Cortical n=8
Observer-2	2, 2-3	Hypoperfusion n= 15 Both hypo & hyperperfusion n= 6 No perfusion defect n=1	Both cortical and BG n=12 Cortical n=9
p-value (Wilcoxon)	0.3	0.78	0.7
K value	0.62	0.85	K=0.67
<b>Posttreatment (n=25)</b>			
Observer-1	2.1, 2-3	Hypoperfusion n= 12 Both hypo & hyperperfusion n= 4 Hyperperfusion n= 5 No perfusion defect n=4	Both cortical and BG n=13 Cortical n=8
Observer-2	2, 2-3	Hypoperfusion n= 10 Both hypo & hyperperfusion n= 7 Hyperperfusion n= 4 No perfusion defect n=4	Both cortical and BG n=10 Cortical n=11
p-value (Wilcoxon)	0.65	0.36	0.5
K value	0.57	0.64	K=0.53

\* Three studies were not diagnostic