

On-line Table: Summary of lesion characteristics and patient outcomes

Patient No.	Age (yr)/Sex	Lesion Location	Infarction Lesion Pattern (Perforator Infarction/ Hypoperfusion)	Balloon Dilation			Initial Stenosis	Postdilatation Residual Stenosis	Postoperation MRI Day 2 (DWI)	Complications within 30 Days	Complications >30 Days	F/U Image	Clinical Outcome (mRS)
				Antegrade Blood Flow (TICI Grade) Pre	Antegrade Blood Flow (TICI Grade) Post								
1	65/M	BA	Perforator infarction	TICI1	TICI2b		94%	21%	None	None	None	DSA	mRS1
2	58/M	BA	Perforator infarction + hypoperfusion	TICI2a	TICI2b		85%	32%	Punctate occipital lobe infarcts (left side)	None	None	DSA	mRS0
3	72/M	BA	Hypoperfusion	TICI1	TICI2b		78%	27%	None	None	Lost to follow-up	NA	NA
4	68/F	BA	Hypoperfusion	TICI2a	TICI3		85%	23%	None	Acute thrombosis 5 days after procedure, rescue stenting	Brain stem infarction (14 mo)	CTA	mRS3
5	71/M	BA	Hypoperfusion	TICI2a	TICI3		80%	17%	Punctate cerebellar lobe infarcts (right side)	None	None	CTA	mRS1
6	57/M	BA	Hypoperfusion	TICI1	TICI3		92%	15%	None	None	None	DSA	mRS0
7	63/M	BA	Perforator infarction + hypoperfusion	TICI1	TICI2b		92%	21%	None	None	None	DSA	mRS0
8	67/F	BA	Perforator infarction + hypoperfusion	TICI2a	TICI3		83%	25%	None	None	None	DSA	mRS0
9	69/M	BA	Perforator infarction + hypoperfusion	TICI2b	TICI3		75%	18%	None	None	None	DSA	mRS0
10	58/F	BA	Perforator infarction + hypoperfusion	TICI2a	TICI3		80%	24%	None	None	None	DSA	mRS0
11	66/M	BA	Hypoperfusion	TICI2a	TICI3		82%	19%	Lacunar cerebral infarction on left frontal lobe (not related to procedure)	None	None	DSA	mRS0
12	58/M	BA	Hypoperfusion	TICI2a	TICI3		85%	20%	None	None	None	DSA	mRS1
13	69/F	BA	Hypoperfusion	TICI2a	TICI3		76%	27%	None	None	None	MRA	mRS1
14	59/M	BA	Hypoperfusion	TICI1	TICI2b		89%	22%	None	None	None	DSA	mRS1
15	57/F	BA	Hypoperfusion	TICI2a	TICI3		82%	18%	None	None	None	DSA	mRS1
16	72/M	BA	Hypoperfusion	TICI2b	TICI3		87%	23%	None	None	None	NA	mRS0
17	67/F	Supracaloid ICA	Hypoperfusion	TICI2b	TICI3		78%	26%	None	None	None	DSA	mRS0
18	61/M	Supracaloid ICA	Hypoperfusion	TICI2a	TICI3		81%	25%	None	None	None	NA	mRS0
19	54/M	MCA (M1)	Perforator infarction + hypoperfusion	TICI2a	TICI3		76%	19%	Lacunar cerebral infarction on temporal lobe (asymptomatic)	None	None	NA	mRS0
20	59/M	MCA (M1)	Perforator infarction + hypoperfusion	TICI2a	TICI2b		81%	18%	None	None	None	DSA	mRS1
21	63/M	MCA (M1)	Perforator infarction + hypoperfusion	TICI2a	TICI2b		73%	15%	None	None	Lacunar infarction (6 mo)	DSA	mRS3
22	67/M	MCA (M1)	Perforator infarction + hypoperfusion	TICI2a	TICI2b		71%	16%	None	None	None	DSA	mRS1
23	60/F	MCA (M1)	Hypoperfusion	TICI2b	TICI3		76%	21%	None	None	None	DSA	mRS0
24	56/M	MCA (M2)	Hypoperfusion	TICI2b	TICI3		76%	15%	None	None	None	NA	mRS0
25	73/M	MCA (M2)	Hypoperfusion	TICI2b	TICI3		75%	10%	None	None	None	DSA	mRS0
26	63/M	MCA (M2)	Hypoperfusion	TICI2a	TICI2b		78%	16%	None	None	None	DSA	mRS0
27	58/M	MCA (M2)	Hypoperfusion	TICI2b	TICI3		77%	15%	None	None	None	NA	mRS0
28	59/F	VA	Hypoperfusion	TICI2b	TICI3		80%	20%	None	None	None	NA	mRS1
29	62/M	VA	Hypoperfusion	TICI2b	TICI2b		81%	21%	None	None	None	NA	mRS1
30	59/F	VB junction	Perforator infarction + hypoperfusion	TICI1	TICI2b		90%	18%	None	None	Lost to follow-up	NA	NA
31	70/M	VB junction	Perforator infarction + hypoperfusion	TICI2a	TICI2b		83%	19%	None	None	None	NA	mRS0
32	60/M	VB junction	Hypoperfusion	TICI2a	TICI2b		82%	21%	None	None	None	DSA	mRS1
33	62/M	VB junction	Hypoperfusion	TICI1	TICI3		89%	25%	None	None	None	DSA	mRS2
34	67/M	VB junction	Hypoperfusion	TICI1	TICI2b		90%	28%	None	None	None	CTA	mRS1
35	71/M	VB junction	Perforator infarction + hypoperfusion	TICI2a	TICI2b		81%	26%	Punctate occipital lobe infarcts (right side)	None	None	MRA	mRS0

Note:—NA indicates not applicable; VA, vertebral artery; F/U, follow-up; Pre, before; Post, after; BA, basilar artery; VB, vertebrobasilar.