

Table supplementary. Results of carotid and orbital evaluations for RAO patients

Case	Carotid studies (performing day)	Carotid artery	ICA flow (ml/min) R/L	Vertebral flow (ml/min) R/L	Ophthalmic artery (OA)
1	CDI (4W)	Unstable plaque. ICA stenosis: Right: 60% /Left:45%	98/271	54/127	Antegrade slow flow
2	Arteriography (D1), CDI (D2), CTA(D2)	Bilateral ICA occlusion, long irregular stenosis of right CCA, retrograde flow of right ECA	No flow/No flow	179/191	Bilateral reversed flow
3	CDI (D10)	No carotid plaque, no stenosis	263/216	66/58	Antegrade
4	CTA (D13), Carotid stenting (7W), CDI (*at FU)	Right ICA stenosis (>70%) with dense calcified plaques. Left ICA stenosis: 23%	(154/157)*	(37/98)*	(Antegrade)*
5	CTA(D1), Carotid stenting (8W), CDI (*at FU)	Right ICA stenosis (>95%) with focal calcified ulcerative plaque. Left ICA stenosis: 48%	(541/450)*	(18/45)*	(Antegrade)*
6	CDI(D3), CTA(2W)	Multiple plagues. ICA stenosis: Right 58% /Left 50%	162/181	29/104	Antegrade
7	CDI**, CT**	Left CCA occlusion, ICA: 75% stenosis, left ECA: reverse flow**	(313/39)**	(86 /167)**	(Antegrade)**
8	CT (D1), CDI (D10)	Right ICA occlusion; Left ICA stenosis: 28%	No flow/464	108/164	Antegrade slow flow
9	CDI (D3), CTA (D7)	Right ICA occlusion; Left ICA stenosis: 43%	No flow/457	17/240	Antegrade slow flow
10	CDI (5M)	Right ICA: 80% stenosis, Left ICA: 20%	76/301	91/221	Reversed flow
11	CDI(D1), CTA(D2), Carotid stenting(D13), MRA(D14)	Left ICA: long critical stenosis from proximal to distal ICA. Right ICA stenosis: 36%	385/76	139/105	Antegrade

**Abbreviations:** CDI, color Doppler imaging; CTA, CT angiography; CCA, common carotid artery; ICA, internal carotid artery; ECA, external carotid artery;

\*Follow-up CDI study after carotid stenting; \*\*CDI study before RAO attack.