

Supplementary Table 1. Summary of VASS cases that mentioned to recurrence after EVT in previous studies

Reference	Location of initial lesion	Occluded vessels	Location of the treated lesion	Procedure method	Post procedure complications	Recurrence after EVT	Medication before EVT	Medication after EVT
Ji et al. ⁴	Left cerebellar hemisphere and vermis	Left VA	Left VA origin	PTAS	None	None, 6 mo	Aspirin 100 mg +clopidogrel 75 mg	Aspirin 100 mg+clopidogrel 75 mg, 3 mo Afterward, aspirin 100 mg
Okamoto et al. ⁵	-	Left VA	Left VA origin	PTAS	None	None, 1 y	Dual antiplatelet therapy	-
Zhang et al. ⁶	-	Left VA Right PCA	Left VA origin	MT+PTAS	None	None, 1 y	Heparin, 3,000 IU	Dual antiplatelet therapy, 6 mo Afterward, single antiplatelet therapy
	-	Left VA BA	Left VA origin	MT+PTA Afterward, PTA	None	Once, 6 mo	Heparin, 3,000 IU	Dual antiplatelet therapy, 6 mo Afterward, single antiplatelet therapy
	-	Left VA BA	Left VA origin	MT+PTA	None	Once, - (observation due to TIA)	Heparin, 3,000 IU	Dual antiplatelet therapy, 6 mo Afterward, single antiplatelet therapy
	-	Left VA BA	Left VA origin	MT+PTA	None	None	Heparin, 3,000 IU	Dual antiplatelet therapy, 6 mo Afterward, single antiplatelet therapy
	-	Left VA BA	Left VA origin	MT+PTA	None	None	Heparin, 3,000 IU	Dual antiplatelet therapy, 6 mo Afterward, single antiplatelet therapy
Oda et al. ⁷	Bilateral cerebellar hemispheres	Left VA	Left VA origin	PTA	None	None, 2 mo	-	Argatroban+aspirin 200 mg
Maeoka et al. ⁸	Left thalamic and cerebellum	Left VA	Left VA origin	PTA→stenting (day 62)	None	Once	-	-
Nguyen et al. ³	Left calcarine cortex and left cerebellar hemisphere	Left VA	Left VA origin	Coil embolization	None	None, 1 y	Aspirin Afterward, warfarin (therapeutic INR)	Warfarin, 1 mo Afterward, aspirin
	Right occipital-temporal lobe	Left VA	Left VA origin	Coil embolization	None	None, 3 y	Aspirin	Aspirin+clopidogrel, 1 y Afterward, aspirin
Our case	Left cerebellar hemisphere	Left VA	Left VA origin	PTAS	None	None, 6 mo	Edoxaban 60 mg Afterward, aspirin 200 mg +prasugrel 3.75 mg	Aspirin 100 mg+prasugrel 3.75 mg Afterward, prasugrel 3.75 mg Edoxaban 60 mg
	Bilateral cerebellar hemisphere	Right VA	Right VA origin	Coil embolization	None	None, 4 mo	None	
	Bilateral occipital lobe	Left VA	Left VA origin	Coil embolization	None	None, 1 y	Aspirin 100 mg Afterward, dabigatran 300 mg	Dabigatran 300 mg

VASS, vertebral artery stump syndrome; EVT, endovascular therapy; VA, vertebral artery; PTAS, percutaneous transluminal angioplasty with stenting; PCA, posterior cerebral artery; MT, mechanical thrombectomy; IU, international unit; BA, basilar artery; TIA, transient ischemic attack; INR, international normalized ratio; -, not described.