Supplemental Figure 1. Receiver operating characteristics curves used to determine the accuracy of CBRBP/CBF AI and the CVR acetazolamide in the prediction of new neurological deficits immediately after surgery.

Supplemental Table 1 Risk factors for the development of new neurological deficits immediately after surgery.

Risk factors	New postoperative cerebral ischemic events		p Value
	Yes (n = 4)	No (n = 108)	
Age (yr) (mean ± SD)	71.8±6.2	68.6±6.7	0.5042
Male gender	3 (75%)	102 (94%)	0.2303
Hypertension	10 (91%)	98 (91%)	>0.9999
Diabetes mellitus	1 (25%)	41 (38%)	>0.9999
Hyperlipidemia	6 (55%)	55 (54%)	0.3288
Symptomatic lesions	4 (100%)	71 (66%)	0.3002
Degree of ICA stenosis (%) (mean ± SD)	93.8±2.5	87.2±8.4	0.0672
Duration of ICA clamping (min) (mean ± SD)	36.0±7.5	36.1±5.3	0.8198
Preoperative CBRBP/CBF AI	109.1±3.1	102.7±5.7	0.0118
Preoperative CVR to acetazolamide (%)	17.3±10.4	27.6±12.8	0.0817