

Supplemental Digital Content 1. Data of arterial gas analysis in oxygen control group or sevoflurane preconditioning group.

	Con			Sevo			<i>P</i> -value		
	pre	during	post	pre	during	post	pre	during	during
MABP(mmHg)	72±1	73±3	71±6	72±2	72±1	72±1	0.91	0.42	0.42
Temp(°C)	37±0.1	37±0.1	37±0.3	37±0.6	37±0.1	37±0.1	0.39	0.75	0.75
Glu (dl/ml)	196±6	182±15	162±21	189±9	196±7	196±6	0.58	0.68	0.68
Hct(%)	35±2	37±1	27±1	32±3	35±2	35±2	0.72	0.63	0.63
PH	7.4±0.1	7.4±0.1	7.3±0.1	7.4±0.1	7.4±0.2	7.4±0.1	0.86	0.34	0.41
pO ₂ (mmHg)	132±4	151±6	152±6	135±7	161±11	157±2	0.90	0.15	0.25
pCO ₂ (mmHg)	41±3	49±9	51±13	49±4	51±9	53±2	0.86	0.14	0.34

Using separate mice, data for arterial gas were obtained before, during, and after 10 min of MCAO operation in sevoflurane preconditioning and oxygen-inhaled groups. There were no significant differences between the two groups at the corresponding time points. All values are expressed as Mean \pm SD. (n = 5).