

**Supplementary Table 1. Definitions and treatments for adverse events.**

Hemodynamic Fluctuation	Definition*	Standard Treatment Algorithm
Hypotension	SBP less than 95 mmHg, or lower than 30% of baseline	Increase propofol or remifentanyl infusion rate according to BIS, increase, or administer sufentanyl (0.1-0.2µg/kg); if correction still not achieved, nicardipine will be given as bolus and/or infusion
Hypertension	SBP higher than 180 mmHg, or higher than 30% of baseline	Decrease propofol or remifentanyl infusion rate according to BIS; if correction still not achieved, vasoactive agent administration (dopamine, norepinephrine, or phenylephrine) will be given and adjusted according to the blood pressure response
Tachycardia Episode	HR higher than 100 bpm	Esmolol bolus and/or infusion according to heart rate response
Bradycardia Episode	HR lower than 40 bpm	Atropine administration
Hypoxemia	Pulse oxygen saturation lower than 90%	Administration of oxygen and adjustment of mechanical ventilation for patients without and with endotracheal intubation.

\* if any of the below changes are sustained for equal and/or longer than 5 min; Abbreviations: SBP, systolic blood pressure; HR, heart rate; bpm, beat per minute.