

## Supplemental Digital Content 1

**Table 1.** Propofol Plasma Concentrations and Cardiorespiratory Monitoring Parameters during AW and PI-LOC

	AW	PI-LOC	<i>p</i> value
$C_{\text{eff}}$ propofol	-	2.97 (0.47)	-
Heart rate (beats/min)	78 (19)	70 (19)	0.443
BP systolic (mmHg)	134 (14)	116 (14)	0.002*
BP diastolic (mmHg)	70 (10)	59 (14)	0.020*
RF (breaths/min)	12 (3.2)	12 (3.5)	0.050
SpO <sub>2</sub> (%)	98 (1.5)	96 (1.6)	0.001*
CO <sub>2</sub> end expiratory (mmHg)	28 (11)	35 (10)	0.304

All subjects  $n = 15$ , results expressed as mean (SD).

AW = wakefulness; BP = blood pressure;  $C_{\text{eff}}$  = propofol effect site concentration estimated by the pharmacokinetic model of Marsh; CO<sub>2</sub> = endexpiratory carbon dioxide; PI-LOC = propofol-induced loss of consciousness; RF = respiratory frequency; SpO<sub>2</sub> = oxyhemoglobin saturation.

\* significant at threshold  $p < 0.05$  (Wilcoxon test).

BP data of one subject, RF of 2 subjects, and end expiratory CO<sub>2</sub> of five subjects were displayed on the monitor but could not be continuously recorded because of technical problems.