

**Appendix**

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

**1 Supplementary Table.** Multivariate Analysis of Patient- and Procedure-Related Factors as Potential Risk of Postoperative ERT Activation According to Clinical Indications

(Full Model)

	<b>ERT Activation by Indication, Median (IRQ)</b>				
<b>Variable</b>	<b>Cardiac (n=245)</b>	<b>Hypotension (n=216)</b>	<b>Neurologic (n=83)</b>	<b>Pulmonary (n=172)</b>	<b>Miscellaneous (n=81)</b>
Patient characteristic					
Obstructive sleep apnea	0.93 (0.63-1.39)	0.66 (0.41-1.05)	1.11 (0.49-2.51)	1.82 (1.12-2.95) <sup>a</sup>	1.18 (0.48-2.85)
Chronic obstructive lung disease	0.97 (0.60-1.57)	1.14 (0.66-1.99)	2.15 (0.93-4.94)	1.72 (0.96-3.07)	1.00 (0.38-2.63)
Central neurologic disease	0.95 (0.51-1.77)	1.46 (0.67-3.18)	3.43 (1.04-11.29) <sup>a</sup>	2.79 (1.15-6.82) <sup>a</sup>	1.43 (0.39-5.20)
Diabetes mellitus	0.66 (0.40-1.07)	1.40 (0.83-2.36)	1.69 (0.74-3.83)	1.33 (0.79-2.22)	1.32 (0.54-3.21)
Cardiovascular disease	1.54 (0.89-2.67)	2.08 (1.14-3.78) <sup>a</sup>	3.33 (0.93-11.95)	1.78 (0.87-3.63)	0.58 (0.14-2.37)
Home or preoperative use					
Opioid	1.47 (0.98-2.20)	1.08 (0.70-1.66)	0.44 (0.20-0.95) <sup>a</sup>	1.13 (0.67-1.90)	1.23 (0.63-2.41)
Benzodiazepine	1.18 (0.70-2.01)	1.32 (0.78-2.23)	1.77 (0.57-5.47)	0.81 (0.44-1.49)	0.99 (0.39-2.56)
Gabapentin	1.41 (0.78-2.53)	2.07 (1.17-3.66) <sup>a</sup>	0.82 (0.17-4.06)	2.81 (1.20-6.60) <sup>a</sup>	0.87 (0.28-2.71)
Procedure					
Emergency	1.33 (0.69-2.56)	2.00 (0.96-4.17)	0.55 (0.12-2.51)	1.83 (0.87-3.86)	2.19 (0.66-7.27)

Surgical duration, min <sup>b</sup>	1.09 (1.00-1.19) <sup>a</sup>	1.12 (1.02-1.22) <sup>a</sup>	1.05 (0.86-1.29)	1.00 (0.90-1.11)	1.03 (0.90-1.18)
Fluid management					
Crystalloid, L <sup>c</sup>	1.00 (0.91-1.10)	1.02 (0.92-1.13)	1.02 (0.83-1.26)	0.98 (0.86-1.12)	1.00 (0.82-1.22)
Colloids	1.59 (0.97-2.60)	1.32 (0.80-2.19)	0.37 (0.12-1.16)	2.15 (1.26-3.67) <sup>d</sup>	0.98 (0.40-2.44)
Blood product transfusion	0.66 (0.34-1.28)	1.16 (0.61-2.21)	0.74 (0.09-6.08)	1.42 (0.59-3.40)	1.16 (0.39-3.48)
Antihypertensive	2.19 (1.34-3.59) <sup>d</sup>	1.35 (0.73-2.49)	0.50 (0.16-1.53)	0.96 (0.51-1.82)	0.50 (0.15-1.64)
Vasopressor	13.6 (0.78-2.36)	0.92 (0.47-1.82)	4.08 (1.17-14.27) <sup>a</sup>	2.08 (1.08-4.02) <sup>a</sup>	0.71 (0.18-2.73)

Abbreviations: ERT, emergency response team; IRQ, interquartile range; IV, intravenous; ME, morphine equivalent.

<sup>a</sup>  $P < .05$ .

<sup>b</sup> For 30-min increments of surgical time.

<sup>c</sup> For 0.5-L increments.

<sup>d</sup>  $P < .01$ .