

**Supplemental Table 1. Additional characteristics of patients by length of hospital stay.**

	Length of stay ≤30 d	Length of stay >30 d	Standardized difference
<b>Post-operative complications</b>			
Surgical re-exploration, n (%)	3 888 (3.8%)	601 (24.8%)	0.63
ECMO, n (%)	54 (0.1%)	15 (0.6%)	0.10
Surgical site infection, n (%)	2 567 (2.5%)	870 (35.9%)	0.94
Ventilator associated pneumonia, n (%)	491 (0.5%)	223 (9.2%)	0.42
Acute kidney injury, n (%)	4 555 (4.4%)	650 (26.8%)	0.65
Myocardial infarction, n (%)	614 (0.6%)	82 (3.4%)	0.20
Stroke, n (%)	1 431 (1.4%)	409 (16.9%)	0.56
Prolonged mechanical ventilation, n (%)	2 309 (2.2%)	1534 (63.3%)	1.71
<b>Length of stay</b>			
ICU LOS, mean +/- SD, days	2.22 (2.42)	28.32 (27.90)	1.32
ICU LOS, median +/- IQR, days	1 (1-3)	22 (10-37)	2.18
<b>30-Day Re-presentation</b>			
ICU, n (%)	3 020 (2.9%)	225 (9.3%)	0.27
Hospital, n (%)	12 541 (12.2%)	701 (28.9%)	0.42
Physician, mean +/- SD, visits	2.08 (1.51)	1.81 (2.44)	0.14
Physician, median +/- SD, visits	2 (1-3)	1 (0-3)	0.37

Appendix 2, as supplied by the authors. Appendix to: Fottinger A, Eddeen AB, Lee DS, et al. Derivation and validation of pragmatic clinical models to predict hospital length of stay after cardiac surgery in Ontario, Canada: a population-based cohort study. *CMAJ Open* 2023. doi:10.9778/cmajo.2022-0103. Copyright © 2023 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at [cmaigroup@cmaj.ca](mailto:cmaigroup@cmaj.ca).

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