

Appendix 2 (as supplied by the authors): 35-Trigger Canadian Paediatric Trigger Tool applied to 3669 charts in the stage 1 review and the proportion of charts positive for each trigger.

<i>CARE MODULE</i>	Frequency n (%)
Transfusion/ use of blood products	171 (4.7%)
Any code or arrest (successfully resuscitated)	19 (0.5%)
Unplanned admission (including readmission) as a result of any health care management within the 3 months prior to OR after discharge from the index hospitalization.	377 (10.3%)
Infection of any kind	94 (2.4%)
In hospital stroke	6 (0.2%)
Transfer to higher level of care	80 (2.2%)
Catheter infiltration/burn	27 (0.7%)
Complication related to Central Venous Catheter (CVC)	26 (0.7%)
Necrotizing Enterocolitis (NEC)	5 (0.1%)
Cranial imaging in infants \leq 3 mos.	0 (0%)
Extreme temperature - \leq 35 degrees Centigrade (35oC) OR \geq 40 degrees Centigrade (40oC)	116 (3.2%)
Intubation / reintubation / Accidental extubation	43 (1.2%)
Emergent C-section delivery (Neonate Only)	55 (1.5%)
Dissatisfaction with care documented in the medical record and/or evidence of complaint lodged (including documented complaint, conflict between patient/family and staff, discharged against medical advice / Documentation or correspondence indicating litigation, either contemplated or actual	55 (1.0%)
Unexpected Death	9 (0.2%)
<i>ICU MODULE</i>	
Readmission to ICU	8 (0.2%)
In Unit Procedure	6 (0.2%)
Failed ETT (failed intubation)	10 (0.3%)
<i>LABORATORY MODULE</i>	
Abrupt drop \geq 25% Hgb or Hct	77 (2.1%)
Platelet count < 50,000/mm ³ (50 X 10 ⁹ L)	29 (0.8%)
PTT>100 secs or INR>6	10 (0.3%)
D-dimer (positive by local lab normal)	32 (0.9%)
Sodium: 120 mmol/L > Na > 150 mmol/L	25 (0.7%)

Appendix to: Matlow AG, Baker GR, Flintoft V, et al. Adverse events among children in Canadian hospitals: the Canadian Paediatric Adverse Events Study. *CMAJ* 2012. DOI:10.1503/cmaj112153.
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Potassium: 3.0 mmol/L > K+ > 6.0 mmol/L	91 (2.5%)
Rising BUN/Creat > 2 x baseline	13 (0.4%)
Hypoxia: O ₂ Sat < 75%	50 (1.4%)
Positive blood culture	18 (0.5%)
Gentamicin/Tobramycin: (except CF patients) Trough <2 mg/L or Peak >10mg/L	33 (0.9%)
MEDICATION MODULE	
Vitamin K (excluding newborns)	32 (0.9%)
Heparin or Low Molecular Weight Heparin	40 (1.1%)
SURGICAL MODULE	
Unplanned or Return To surgery	83 (2.3%)
Intra-operative IV Epinephrine, Norepinephrine, Naloxone, Flumazenil	24 (0.7%)
Removal / injury or repair of organ	13 (0.4%)
Wrong site / wrong procedure / wrong patient	1 (0.0%)
OTHER MODULE	
Other / Any other undesirable outcomes not covered above	371 (10.1%)