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| **Supplemental Table 1: Adverse event definitions** |  |  |  |
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| Anaphylaxis | Clinical diagnosis of a severe, life-threatening allergic response. |
| Aspiration | Clinical diagnosis of aspiration with radiologic findings. |
| Burn injury | Any visible skin injury attributed to the use of an electrical or warming device. |
| Cardiac Arrest | The cessation of cardiac mechanical activity confirmed by the absence of signs of circulation. |
| Case Cancelled | Case cancelled for any reason. |
| Death | Through postoperative day number seven. |
| Equipment Problem | Equipment failure, malfunction, or unavailability causing actual or potential patient injury. |
| High Spinal | Paralysis higher than T4 +/- hypotension, bradycardia, or respiratory insufficiency. |
| Incorrect patient | Surgery or procedure on the wrong patient. |
| Incorrect surgical site/procedure | Surgery or anesthesia on the wrong body part, wrong side of patient or a procedure other thanthat for which the patient or family consented. |
| Local Anesthesia systemic toxicity | Neurologic or cardiovascular signs and/or symptoms attributed to local anesthetic injection occurring within one hour of injection. |
| Malignant hypothermia (MH) | Clinical diagnosis of suspected MH during or after exposure to anesthetics agents and/or use of dantrolene |
| Medication Error | Administration of a wrong or out of date medication, or an incorrect or unintended dose of a medicine. |
| New stroke | Central neurologic signs and/or symptoms of acute onset and duration of > 24 hours, of presumed vascular etiology, and not consistent with peripheral nervous injury or disease. |
| Perioperative MI | Detection of rise and/or fall of cardiac biomarkers ECG changes consistent with MI +/- chest pain if markers unavailable |
| Peripheral Neurologic deficit | Clinical diagnosis of residual sensory and/or motor and/or autonomic block 72 hrs. after local Anesthetic, without identifiable etiology when no regional anesthetic related infection present. |
| Pneumothorax | Traumatic open or tension pneumothorax, diagnosed on clinical presentation or by imaging study. |
| Prolonged PACU stay | Patient in PACU > 4 hours  |
| Recall | Patient report of specific identifiable intraoperative events or conversations while under general anesthesia, after induction but excluding the emergence process. |
| Transfusion reaction | Hemolytic reaction involving administration of blood or blood products. |
| Unanticipated difficult airway | Unplanned inability to ventilate the lungs with or without airway adjuncts and/or inability to intubate the trachea using conventional laryngoscopic technique. |
| Unanticipated transfusion | Transfusion of any blood product during or within 48 hours of an operation for which no Type and Screen or Type and Cross was drawn preoperatively and transfusion was not planned. |
| Unplanned ICU admission | Unplanned ICU admission within 48 hours of induction  |
| Unplanned re-intubation | Patient requires placement of tracheal tube or other airway device within 6 hours of extubation including re-intubation after accidental extubation. |

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