The table below shows the fields included in the audit and the definitions of major and minor discrepancies for each.

Non-italicized items are assessed for all encounters selected for audit; italicized items are only assessed if certain conditions are met. For example, birth weight is only applicable to infants, and the details about mechanical ventilation are only included if the patient was on ventilator support.

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| --- | --- | --- |
| **PATIENT INFORMATION** |  |  |
|  | **Major Discrepancy** | **Minor Discrepancy** |
| **DOB** | Incorrect DOB that changes age category (neonate, infant, child, adult) | Incorrect DOB that does not change category |
| *Birth weight*  *(if age <1 year)* | BW ≥1.0 kg above or below actual BW | BW 0.5-0.9 kg above or below actual BW |
| **Extracardiac anomalies** | Present if patient did not have anomalies, or not present if patient did have anomalies | Wrong anomalies recorded |
| **Chromosomal abnormalities** | Present if patient did not have anomalies, or not present if patient did have anomalies | Wrong anomalies recorded |
| **Syndromes** | Present if patient did not have anomalies, or not present if patient did have anomalies | Wrong anomalies recorded |
| **HOSPITALIZATION / ENCOUNTER** |  |  |
|  | **Major Discrepancy** | **Minor Discrepancy** |
| **Hospitalization** |  |  |
| **Hospital admit date** | Incorrect date | N/A |
| **Hospital discharge date** | Incorrect date | N/A |
| **Mortality status at hospital discharge** | Incorrect status | N/A |
| *Hospital discharge location*  *(if discharged alive)* | N/A | Incorrect location |
| **Any cardiothoracic surgery (Y/N)** | Incorrect response | N/A |
| **Any cardiac catheterization (Y/N)** | Incorrect response | N/A |
| **CICU Encounter** |  |  |
| **CICU admit date** | Incorrect date | N/A |
| **Critical care end date** | Incorrect date | N/A |
| **Discharge date** | Incorrect date | N/A |
| **Reason for encounter** | N/A | Incorrect response |
| *Noncardiothoracic surgery type (if reason is postop noncardiothoracic)* | N/A | Incorrect response |
| **Encounter medical dx** | N/A | Incorrect response |
| **CICU disposition** | Incorrect alive/deceased designation | Incorrect discharge location for survivors |

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| **CARDIOTHORACIC SURGERY** | | | | |
|  | **Major Discrepancy** | | **Minor Discrepancy** | |
| *Surgery count (if had surgery)* | Missing or incorrectly added surgeries | | N/A | |
| *Surgery date(s) (if had surgery)* | Incorrect date on any surgery | | N/A | |
| *Postop ICU/PACU arrival date(s) (if had surgery)* | Incorrect date on any surgery | | N/A | |
| **THERAPIES** |  | |  | |
| **Mechanical Vent** |  | |  | |
| **Any mechanical vent during encounter (Y/N)** | Incorrect response | | N/A | |
| *Count of mechanical vent episodes (if on vent)* | Incorrect response | | N/A | |
| *ANY instance of mechanical vent at CICU start (Y/N)*  *(if on vent)* | Incorrect response | | N/A | |
| *EARLIEST Intubation date*  *(if on vent)* | Incorrect date | | N/A | |
| *ANY mechanical vent at CICU end (Y/N) (if on vent)* | Incorrect response | | N/A | |
| *LATEST extubation date (if on vent)* | Incorrect date | | N/A | |
| *ANY extubation marked as unplanned (Y/N) (if on vent)* | Incorrect response | | N/A | |
| *ANY reintubation within 48 hours of prior extubation (if on vent)* | Incorrect response | | N/A | |
| **Venous Lines** |  | |  | |
| **Any venous lines during encounter (Y/N)** | Incorrect response | | N/A | |
| *Count of venous lines during encounter (if had lines)* | Incorrect response | | N/A | |
| *ANY line present at CICU start (Y/N) (if had lines)* | Incorrect response | | N/A | |
| *EARLIEST line start date (if had lines)* | Incorrect date | | N/A | |
| *ANY line present at CICU discharge (Y/N) (if had lines)* | Incorrect response | | N/A | |
| *LATEST line end date (if had lines)* | Incorrect date | | N/A | |
| *Thrombosis associated with ANY line (Y/N) (if had lines)* | N/A | | Incorrect response | |
| *EARLIEST thrombosis date (if had a thrombosis)* | N/A | | Incorrect date | |
| **THERAPIES (cont)** | | | | |
|  | **Major Discrepancy** | | **Minor Discrepancy** | |
| **Vasoactive Infusions** |  | |  | |
| **Any vasoactive infusions during encounter (Y/N)** | Incorrect response | | N/A | |
| *Initial infusion start date (if had infusions)* | N/A | | Incorrect date | |
| *Initial course still active at discharge (Y/N) (if had infusions)* | N/A | | Incorrect response | |
| *Initial course end date (if had infusions)* | N/A | | Incorrect date | |
| *Final course still active at discharge (Y/N) (if had infusions)* | N/A | | Incorrect response | |
| *Final course end date (if had infusions)* | N/A | | Incorrect date | |
| *Vasoactive agent(s) (if had infusions)* | Missing or adding ≥2 agent | | Missing or adding 1 agent | |
| **COMPLICATIONS** |  | |  | |
| **Cardiovascular** |  | |  | |
| **Cardiac arrest (Y/N)** | Incorrect response | N/A | |
| *Arrest count* | Incorrect response | N/A | |
| *Arrest date(s)* | Any incorrect date | N/A | |
| *ECPR for ANY arrest (Y/N)* | N/A | Incorrect response | |
| **Endocarditis (Y/N)** | Incorrect response | N/A | |
| **Pericardial effusion (Y/N)** | Incorrect response | N/A | |
| *Pericardial effusion date* | Incorrect date | N/A | |
| **Arrhythmia requiring therapy (Y/N)** | Incorrect response | N/A | |
| *Arrhythmia count* | Incorrect response | N/A | |
| *Arrhythmia start date(s)* | Any incorrect date | N/A | |
| *Arrhythmia end date(s)* | Any incorrect date | N/A | |
| *Count of each arrhythmia type (atrial, ventricular, etc)* | N/A | Incorrect response | |
| *Still treating ANY arrhythmia at CICU discharge (Y/N)* | N/A | Incorrect response | |
| *ANY arrhythmia treated w/ drug therapy (Y/N)* | N/A | Incorrect response | |
| *ANY arrhythmia treated w/ cardioversion/defibrillator (Y/N)* | N/A | Incorrect response | |
| **COMPLICATIONS (cont)** | | | | |
|  | **Major Discrepancy** | | **Minor Discrepancy** | |
| *ANY arrhythmia treated w/ permanent pacemaker (Y/N)* | N/A | Incorrect response | |
| *ANY arrhythmia treated w/ temporary pacemaker (Y/N)* | N/A | Incorrect response | |
| **Mechanical circulatory support (Y/N)** | Incorrect response | N/A | |
| *Count of mechanical circulatory support runs* | Incorrect response | N/A | |
| *Circ support start date(s)* | Any incorrect date | N/A | |
| *Circ support end date(s)* | Any incorrect date | N/A | |
| *ANY ECMO run w/active CPR at cannulation (Y/N)* | N/A | Incorrect response | |
| *ANY ECMO run w/CPR within 2 hours pre-cannula (Y/N)* | N/A | Incorrect response | |
| *ANY mech circ support at CICU start (Y/N)* | N/A | Incorrect response | |
| *ANY mech circ support at CICU end (Y/N)* | N/A | Incorrect response | |
| **Pulmonary vein obstruction (Y/N)** | N/A | Incorrect response | |
| *Pulmonary vein obstruction date* | N/A | Incorrect response | |
| **Systemic vein obstruction (Y/N)** | N/A | Incorrect response | |
| *Systemic vein obstruction date* | N/A | Incorrect response | |
| **Listed for heart transplant (Y/N)** | Incorrect response | N/A | |
| *Date listed for heart transplant* | Incorrect date | N/A | |
| **Procedural** |  | |  | |
| **Bleeding requiring reoperation (Y/N)** | Incorrect response | N/A | |
| **Unplanned reoperation/reintervention (Y/N)** | Incorrect response | N/A | |
| **Open sternum (Y/N)** | Incorrect response | N/A | |
| **Intraoperative death (Y/N)** | Incorrect response | N/A | |

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| **COMPLICATIONS (cont)** | | | | |
|  | **Major Discrepancy** | | **Minor Discrepancy** | |
| **Respiratory** |  | |  | |
| **Chylothorax (Y/N)** | N/A | Incorrect response | |
| *Chylothorax date* | N/A | Incorrect date | |
| *Chest tube for chylothorax (Y/N)* | N/A | Incorrect response | |
| *Chest tube for chylothorax date* | N/A | Incorrect date | |
| **Pleural effusion (Y/N)** | N/A | Incorrect response | |
| *Pleural effusion date* | N/A | Incorrect date | |
| *Chest tube for pleural effusion (Y/N)* | N/A | Incorrect response | |
| *Chest tube for pleural effusion date* | N/A | Incorrect date | |
| **Pneumothorax (Y/N)** | N/A | Incorrect response | |
| *Pneumothorax date* | N/A | Incorrect date | |
| *Chest tube for pneumothorax (Y/N)* | N/A | Incorrect response | |
| *Chest tube for pneumothorax date* | N/A | Incorrect date | |
| **Hemothorax (Y/N)** | N/A | Incorrect response | |
| *Hemothorax date* | N/A | Incorrect date | |
| *Chest tube for hemothorax (Y/N)* | N/A | Incorrect response | |
| *Chest tube for hemothorax date* | N/A | Incorrect date | |
| **ARDS (Y/N)** | N/A | Incorrect response | |
| *ARDS date* | N/A | Incorrect date | |
| **Pulmonary embolism (Y/N)** | Incorrect response | N/A | |
| *Pulmonary embolism date* | Incorrect date | N/A | |
| **Infectious** |  | |  | |
| **Pneumonia (Y/N)** | N/A | Incorrect response | |
| *Pneumonia date* | N/A | Incorrect date | |
| **CA-BSI (Y/N)** | N/A | Incorrect response | |
| *CA-BSI count* | N/A | Incorrect response | |
| *CA-BSI date(s)* | N/A | Any incorrect date | |
| **Sepsis (Y/N)** | Incorrect response | N/A | |
| *Sepsis date* | Incorrect date | N/A | |
| **Superficial SSI (Y/N)** | N/A | Incorrect response | |
| *Superficial SSI date* | N/A | Any incorrect date | |

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| **COMPLICATIONS (cont)** | | | | |
|  | **Major Discrepancy** | | **Minor Discrepancy** | |
| **Deep SSI (Y/N)** | Incorrect response | N/A | |
| *Deep SSI count* | Incorrect response | N/A | |
| *Deep SSI date(s)* | Any incorrect date | N/A | |
| **Meningitis (Y/N)** | Incorrect response | N/A | |
| *Meningitis date* | Incorrect date | N/A | |
| **UTI (Y/N)** | N/A | Incorrect response | |
| *UTI count* | N/A | Incorrect response | |
| *UTI date(s)* | N/A | Any incorrect date | |
| **Neuro** |  | |  | |
| **Stroke (Y/N)** | Incorrect response | N/A | |
| *Stroke date* | Incorrect date | N/A | |
| **Seizure (Y/N)** | Incorrect response | N/A | |
| *Seizure date* | Incorrect date | N/A | |
| **IVH (Y/N)** | Incorrect response | N/A | |
| *IVH date* | Incorrect date | N/A | |
| **Intracranial hemorrhage (Y/N)** | Incorrect response | N/A | |
| *Intracranial hemorrhage date* | Incorrect date | N/A | |
| **Brain death (Y/N)** | Incorrect response | N/A | |
| *Brain death date* | Incorrect date | N/A | |
| **Paralyzed diaphragm (Y/N)** | N/A | Incorrect response | |
| *Paralyzed diaphragm date* | N/A | Any incorrect date | |
| **Vocal cord dysfunction (Y/N)** | N/A | Incorrect response | |
| *Vocal cord dysfunction date* | N/A | Any incorrect date | |
| **GI / Other** |  | |  | |
| **Hepatic failure (Y/N)** | N/A | Incorrect response | |
| *Hepatic failure date* | N/A | Any incorrect date | |
| **NEC (Y/N)** | Incorrect response | N/A | |
| *NEC count* | Incorrect response | N/A | |
| *NEC date(s)* | Any incorrect date | N/A | |
| **Pressure ulcer (Y/N)** | N/A | Incorrect response | |
| **Hypoglycemia (Y/N)** | N/A | Incorrect response | |