

MPOG QI Measures

2022 Provider Guide

**Not available for provider feedback emails*

ACUTE KIDNEY INJURY



AKI-01 Creatinine > 1.5x baseline within 7 days postop OR 0.3 mg/dL within 48 hours postop

BLOOD PRESSURE MANAGEMENT



BP-01 Low MAP < 55mmHg sustained for a cumulative of < 20 minutes

BP-02 Blood pressure monitoring gaps < 10 minutes (cumulative)

BP-03 Low MAP < 65mmHg sustained for a cumulative of < 15 minutes

***BP-05** Low MAP < 55mmHg occurrence during induction

MYOCARDIAL INJURY



CARD-02 Elevated Troponin I > 0.6 (Troponin T > 0.091) within 72 hrs postop

CARD-03 High Risk Cases: Elevated Troponin I > 0.6 (Troponin T > 0.091) within 72 hrs postop

MINIMIZING COLLOID USE



FLUID-01 Percentage of non-cardiac cases in which colloids were not administered intraoperatively.

GLUCOSE MANAGEMENT



GLU-01 Glucose > 200mg/dL (Intraop): Recheck or administer insulin within 90 minutes

GLU-02 Glucose < 60mg/dL (Intraop): Recheck or administer dextrose within 90 minutes

GLU-03 Glucose > 200mg/dL (Periop) Recheck or administer insulin within 90 minutes

GLU-04 Glucose < 60mg/dL (Periop): Recheck or administer dextrose within 90 minutes

GLU-05 Glucose > 200mg/dL (Periop): Administration of insulin within 90 minutes

MEDICATION OVERDOSE



MED-01 Absence of Narcan & Flumazenil

MORTALITY



***MORT-01** 30 Day postoperative in-hospital mortality rate

NEUROMUSCULAR BLOCKADE



NMB-01 Train of four documented after last dose of NMB and before extubation

NMB-02 Reversal agent given after last dose of NMB and before extubation

MULTIMODAL PAIN MANAGEMENT



PAIN-02 Percentage of adults who undergo any procedure (surgical, therapeutic, diagnostic) and receive non-opioid adjunct preop or intraop

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POSTOPERATIVE NAUSEA & VOMITING



- PONV-03** Percentage of cases with documentation of nausea/vomiting or administration of antiemetic in PACU.
- PONV-05** Adults requiring GA who have ≥ 1 risk factor PONV risk factor receive appropriate prophylaxis.

PULMONARY



- PUL-01** Median tidal volume $< 10\text{ml/kg}$ PBW, ET & PPV PIP > 6 on vent
- *PUL-03** Percentage of cases in which Positive End Expiratory Pressure (PEEP) ≥ 2 is used.

SMOKING CESSATION



- SMOK-01** Patients ≥ 18 years of age, with smoking status documented within 30 days prior to day of surgery
- SMOK-02** Current Smokers ≥ 18 years of age, who receive smoking cessation intervention from an anesthesia provider

SUSTAINABILITY



- SUS-01** Mean fresh gas flow $< 3\text{L/min}$, during maintenance
- *SUS-02** CO₂ Equivalents of halogenated agents and/or nitrous is $< 2.83\text{kg CO}_2/\text{hr}$, Maintenance
- SUS-04** Mean fresh gas flow $< 2\text{L/min}$, during maintenance

TEMPERATURE



- TEMP-01** Use of active warming (forced air) or temp measure $> 36.0\text{ C}$ documented within 30 minutes of anesthesia end.
- TEMP-02** Core temp source documented in assessment between Anesthesia Start and Patient out of room.
- TEMP-03** Temp $> 36\text{C}$ documented 30 minutes before or 15 minutes after anesthesia end.

TRANSFER OF CARE



- TOC-01** Permanent intraoperative anesthesia staff change occurred with handoff.
- TOC-02** All patients admitted to PACU receive a formal transfer of care.
- TOC-03** All patients admitted to ICU receive a formal transfer of care.

TRANSFUSION



- TRAN-01** Hgb/Hct 90 minutes prior to transfusion or Hgb/Hct of 8/24 within 36 hours of the transfusion
- TRAN-02** Hgb/Hct $\leq 10/30$ post transfusion

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OBSTETRICS



- ABX-01-OB** Percentage of cesarean deliveries with documentation of antibiotic administration initiated within one hour before surgical incision.
- BP-04-OB** Systolic BP < 90mmHg during cesarean deliveries
- GA-01-OB** Percentage of cesarean delivery cases performed using general anesthesia
- GA-02-OB** Percentage of cesarean delivery cases performed using general anesthesia that also had neuraxial anesthesia
- TEMP-05-OB** Percentage of cesarean deliveries with general or neuraxial anesthesia with no temp $\geq 36C/96.8F$ within 30 minutes before to 15 minutes after Anesthesia End

PEDIATRICS



- NMB-03-PED** Initial NMB dosing (< 5yrs)
- PAIN-01-PED** Percentage of Pediatric patients who undergo surgical or therapeutic procedure and receive non-opioid adjunct preop or intraop
- PONV-04-PED** Pediatric PONV prophylaxis (3-17yrs)
- TEMP-04-PED** Percentage of pediatric patients with intraop median core/near core temp $\geq 36C$
- TRAN-03-PED** HGB/HCT documented 90 minutes prior to transfusion and/or HGB/HCT 8/24 within 36 hours of the transfusion
- TRAN-04-PED** HGB/HCT $\leq 10/30$ post transfusion

CARDIAC



- FLUID-01-C** Percentage of cardiac cases in which colloids were not administered intraoperatively.
- TEMP-06-C** Percentage of adult patients, who undergo open cardiac surgical procedures under general anesthesia ≥ 120 minutes with body temperature at the end of the case ≥ 35.5 degrees Celsius (or 95.9 degrees Fahrenheit)

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