

MPOG QI Measures

2026 Provider Guide

Measure Category	Measure	Description
Acute Kidney Injury 	AKI-01	Creatinine $> 1.5x$ baseline with 7 days postop OR ≥ 0.3 mg/dL within 48 hours postop
Blood Pressure 	BP-01	Low MAP prevention < 55 (20 minutes)
	BP-02	Avoiding monitoring gaps ≥ 10 minutes (cumulative)
	BP-03	Low MAP prevention < 65 (15 minutes)
	BP-05	Low MAP avoidance < 55 during induction
	BP-06	Low MAP prevention < 55 (10 minutes)
Brain Health 	BRAIN-01*	Avoiding benzodiazepine use in patients > 70 years old
Fluids 	FLUID-01-NC	Minimizing colloid use in non-cardiac surgery
Glucose Management 	GLU-09	Intraop hyperglycemia management > 180 mg/dL (10.00 mmol/L)
	GLU-10	Periop hyperglycemia management > 180 mg/dL (10.00 mmol/L)
	GLU-11	Periop hyperglycemia treatment > 180 mg/dL (10.00 mmol/L)
	GLU-12	Intraop hypoglycemia management < 70 mg/dL (3.885 mmol/L)
	GLU-13	Periop hypoglycemia management < 70 mg/dL (3.885 mmol/L)
Mortality 	MORT-01*	30-Day in-hospital mortality rate
Myocardial Injury 	CARD-04*	Postoperative Troponin for High-risk Patients

*Not available for provider feedback

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 Neuromuscular Monitoring	NMB-01	Train-of-four measured
	NMB-02	Reversal administered
	NMB-04	Variation in sugammadex administration
	NMB-05*	Quantitative neuromuscular blockade monitoring
 Pain Management	OPIOID*	Opioid equivalency
	PAIN-02	Multimodal non-opioid adjunct analgesia
	PAIN-03	Opioid reversal with Naloxone
 Postoperative Nausea and Vomiting	PONV-03	Postoperative nausea or vomiting outcome
	PONV-03b	Postoperative nausea or vomiting outcome with or without post-op antiemetic
	PONV-05	Postoperative nausea or vomiting prophylaxis
 Pulmonary	PUL-01	Intraop median tidal volume < 10 mL/kg PBW
	PUL-03*	Median PEEP \geq 2 cm H ₂ O during ventilation
 Smoking Cessation	SMOK-01	Smoking tobacco status documentation
	SMOK-02	Smoking tobacco cessation education
 Surgical Site Infection	SSI-01-MSQC*	Surgical Site Infection, Colectomy
 Sustainability	SUS-01	Mean fresh gas flow \leq 3 L/min during maintenance phase
	SUS-02	Mean CO ₂ eq \leq 2.83 kg CO ₂ /hr during maintenance phase
	SUS-03*	CO ₂ eq reported as kg of CO ₂ eq per case during induction phase
	SUS-04	Fresh gas flow \leq 2 L/min during maintenance phase
	SUS-07	Nitrous oxide use avoided during case
	SUS-08	Mean fresh gas flow \leq 1 L/min during maintenance phase

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Temperature 	TEMP-01	Temperature $> 36.0 \text{ } ^\circ\text{C}$ or use of active warming documented within 30 minutes of anesthesia end
	TEMP-02	At least one intraop core temperature documented
	TEMP-03	At least one body temperature $\geq 36 \text{ } ^\circ\text{C}$ within 30 minutes before or 15 minutes after anesthesia end
Transfer of Care 	TOC-01	Intraop transfer of care in anesthesia record with key handoff elements
	TOC-02	Postop transfer of care in anesthesia record with key handoff elements
	TOC-03	ICU transfer of care in anesthesia record with key handoff elements
Transfusion 	TRAN-01	Documentation of Hgb/Hct with 90 mins of prior blood transfusion
	TRAN-02	Documentation of post transfusion Hct/Hct $\geq 10 \text{ g/dL}$ or 30%

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Obstetrics 	ABX-01-OB	Antibiotic timing within one hour of cesarean delivery incision start
	ABX-06 OB	Azithromycin Administration for Cesarean Deliveries
	BP-04-OB*	SBP $< 90 \text{ mmHg}$ for ≤ 5 mins between spinal placement and delivery
	GA-01-OB*	Cesarean delivery without general anesthesia
	GA-02-OB*	Cesarean delivery with neuraxial anesthesia without general anesthesia used
	GA-03-OB*	Cesarean delivery with epidural anesthesia without general anesthesia used
	NCR-01-OB*	Neuraxial catheter replacement during obstetric anesthesia for labor or cesarean delivery
	TEMP-05-OB	At least one body temp $\geq 36 \text{ } ^\circ\text{C}$ within 30 mins before or after anesthesia end

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Pediatrics 	AKI-03-Peds	Pediatric cardiac cases with creatinine $> 1.5x$ baseline with 7 days postop OR ≥ 0.3 mg/dL within 48 hours postop
	FLUID-02-C*	Minimizing Colloid use in cardiac pediatric patients
	FLUID-02-NC	Minimizing Colloid use in non-cardiac pediatric patients
	NMB-03-Peds	NMB first dose below expert opinion threshold
	PAIN-01-Peds	At least one non-opioid adjunct administered preop or intraop
	PONV-04-Peds	PONV prophylaxis between 4 hours prior to anesthesia start to PACU start
	SUS-05-Peds	Nitrous oxide avoided during induction
	SUS-06-Peds	Mean fresh gas flow less than weight-based max FGF during induction
	TEMP-04-Peds	Intraop median core or near core temperature ≥ 36 °C
Cardiac 	TRAN-03-Peds	Hgb/Hct documented within 90 mins prior to each transfusion volume ≥ 15 mL/kg

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Cardiac 	ABX-02-C	Antibiotic timing and administration prior to incision
	ABX-03-C	Cephalosporin re-dosing within 165-255 mins of previous dose
	ABX-04-C	Antibiotic selection for surgical site infection prophylaxis
	ABX-05-C*	Composite measure for appropriate antibiotic selection, timing, re-dosing for surgical site infection prophylaxis
	AKI-02-C	Creatinine less than 1.5x baseline creatinine within 7 days post or creatinine less than 0.3 mg/dL within 48 hours after anesthesia end
	BP-07-C*	MAP < 55 mmHg ≤ 5 minutes during induction or MAP ≥ 55 mmHg throughout induction
	FLUID-01-C	Avoidance of colloids during cardiac cases
	GLU-06-C	Glucose ≤ 180 mg/dL or re-check within 30 mins of glucose ≥ 180 mg/dL (9.99 mmol/L)

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	GLU-07-C	Glucose maintained ≥ 70 mg/dL or re-check within 15 mins if ≤ 70 mg/dL (3.88 mmol/L)
	GLU-08-C	For glucose ≥ 180 mg/dL, treatment of insulin with 30 mins or glucose re-check within 30 minutes and glucose ≤ 180 mg/dL (9.99 mmol/L)
	TEMP-06-C	Hypothermia avoidance, core temperature at > 37.5 °C (99.5 °F) at anesthesia end
	TEMP-07-C	Hyperthermia avoidance, less than 5 consecutive mins of body temp > 37.5 °C (99.5 °F) between bypass start and end
	TRAN-05-C*	Coagulation testing performed for cardiac patients who received a transfusion.

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