

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)
	GLU-17	Ambulatory hyperglycemia treatment > 250 mg/dL (13.9 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
	SUS-09	Mean fresh gas flow $\leq$ 6L/min during induction phase

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Temperature 	TEMP-01	Temperature > 36.0 °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 ≥ 36 °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 ≥ 10 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 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 ≥ 36 °C within 30 mins before or after anesthesia end
	UDP-01-OB*	Evidence of an unintended dural puncture or postdural puncture headache

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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
	TRAN-03-Peds	Hgb/Hct documented within 90 mins prior to each transfusion volume ≥ 15 mL/kg
	TRAN-06-Peds*	Pediatric patients undergoing elective major noncardiac surgery who were anemic preoperatively

Measure Category	Measure	Description
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

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	GLU-06-C	Glucose $\leq$ 180 mg/dL or re-check within 30 mins of glucose $\geq$ 180 mg/dL (9.99 mmol/L)
	GLU-07-C	Glucose maintained $\geq$ 70 mg/dL or re-check within 15 mins if $\leq$ 70 mg/dL (3.88 mmol/L)
	GLU-08-C	For glucose $\geq$ 180 mg/dL, treatment of insulin with 30 mins or glucose re-check within 30 minutes and glucose $\leq$ 180 mg/dL (9.99 mmol/L)
	GLU-14-C	Last intraoperative blood glucose level is $\leq$ 180 mg/dL (10.0 mmol/L)
	TEMP-06-C	Hypothermia avoidance, core temperature at $> 37.5^{\circ}\text{C}$ (99.5°F) at anesthesia end
	TEMP-07-C	Hyperthermia avoidance, less than 5 consecutive mins of body temp $> 37.5^{\circ}\text{C}$ (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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