

# MPOG QI Measures

## 2026 Provider Guide

Measure Category	Measure	Description
<b>Acute Kidney Injury</b> 	AKI-01	Creatinine > 1.5x baseline with 7 days postop OR ≥ 0.3 mg/dL within 48 hours postop
<b>Blood Pressure</b> 	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)
<b>Brain Health</b> 	BRAIN-01*	Avoiding benzodiazepine use in patients > 70 years old
<b>Fluids</b> 	FLUID-01-NC	Minimizing colloid use in non-cardiac surgery
<b>Glucose Management</b> 	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)
<b>Mortality</b> 	MORT-01*	30-Day in-hospital mortality rate
<b>Myocardial Injury</b> 	CARD-04*	Postoperative Troponin for High-risk Patients

\*Not available for provider feedback

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## 2026 Provider Guide

<b>Neuromuscular Monitoring</b> 	NMB-01	Train-of-four measured
	NMB-02	Reversal administered
	NMB-04	Variation in sugammadex administration
	NMB-05*	Quantitative neuromuscular blockade monitoring
<b>Pain Management</b> 	OPIOID*	Opioid equivalency
	PAIN-02	Multimodal non-opioid adjunct analgesia
	PAIN-03	Opioid reversal with Naloxone
<b>Postoperative Nausea and Vomiting</b> 	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
<b>Pulmonary</b> 	PUL-01	Intraop median tidal volume < 10 mL/kg PBW
	PUL-03*	Median PEEP $\geq$ 2 cm H <sub>2</sub> O during ventilation
<b>Smoking Cessation</b> 	SMOK-01	Smoking tobacco status documentation
	SMOK-02	Smoking tobacco cessation education
<b>Surgical Site Infection</b> 	SSI-01-MSQC*	Surgical Site Infection, Colectomy
<b>Sustainability</b> 	SUS-01	Mean fresh gas flow $\leq$ 3 L/min during maintenance phase
	SUS-02	Mean CO <sub>2</sub> eq $\leq$ 2.83 kg CO <sub>2</sub> /hr during maintenance phase
	SUS-03*	CO <sub>2</sub> eq reported as kg of CO <sub>2</sub> 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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## 2026 Provider Guide

<b>Temperature</b> 	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 $\geq 36$ °C within 30 minutes before or 15 minutes after anesthesia end
<b>Transfer of Care</b> 	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
<b>Transfusion</b> 	TRAN-01	Documentation of Hgb/Hct with 90 mins of prior blood transfusion
	TRAN-02	Documentation of post transfusion Hct/Hct $\geq 10$ g/dL or 30%

Measure Category	Measure	Description
<b>Obstetrics</b> 	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 $\leq 5$ 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 $\geq 36$ °C within 30 mins before or after anesthesia end

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<b>Pediatrics</b> 	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

Measure Category	Measure	Description
<b>Cardiac</b> 	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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## 2026 Provider Guide

	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)
	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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