









MPOG QI Measures

2025 Provider Guide

**Not available for provider feedback emails*







Measure Category	Measures	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 \geq 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 (9.99 mmol/L)
	GLU-10	Periop hyperglycemia management > 180 mg/dL (9.99 mmol/L)
	GLU-11	Periop hyperglycemia treatment > 180 mg/dL (9.99 mmol/L)
	GLU-12	Intraop hypoglycemia management < 70 mg/dL (3.88 mmol/L)
	GLU-13	Periop hypoglycemia management < 70 mg/dL (3.88 mmol/L)
Mortality 	* MORT-01	30-Day in-hospital mortality rate
Myocardial Injury 	CARD-02	Myocardial Injury
	CARD-03	Myocardial Injury in high-risk patients
	*CARD-04	Postoperative Troponin for High-risk Patients
Neuromuscular Monitoring 	NMB-01	Train-of-four measured
	NMB-02	Reversal administered
	NMB-04	Variation in sugammadex administration
	NMB-05	Quantitative monitoring

Please refer to: <https://spec.mpog.org/Measures/Public> for full specifications and references used to determine measure requirements. Contact support@mpog.zendesk.com with any questions.

MPOG QI Measures

2025 Provider Guide

**Not available for provider feedback emails*



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
	PON-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
Sustainability 	SUS-01	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
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 \geq 36 °C within 30 minutes before or 15 minutes after anesthesia end


Please refer to: <https://spec.mpog.org/Measures/Public> for full specifications and references used to determine measure requirements. Contact support@mpog.zendesk.com with any questions.

MPOG QI Measures

2025 Provider Guide

**Not available for provider feedback emails*

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 10/30


Measure Category	Measure	Description
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 \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
	TEMP-05-OB	At least one body temp \geq 36 °C within 30 mins before or after anesthesia end


Please refer to: <https://spec.mpog.org/Measures/Public> for full specifications and references used to determine measure requirements. Contact support@mpog.zendesk.com with any questions.

MPOG QI Measures

2025 Provider Guide

**Not available for provider feedback emails*

Measure Category	Measure	Description
Pediatrics 	FLUID-02-Peds	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 $\geq 36^{\circ}\text{C}$
	TRAN-03-Peds	Hgb/Hct documented within 90 mins prior to each transfusion volume $\geq 15\text{ mL/kg}$
	TRAN-04-Peds	Hgb/Hct value documented within 18 hours after anesthesia $\leq 10/30$

Measure Category	Measure	Description
Cardiac 	AKI-02-C	Creatine less than 1.5x baseline creatinine within 7 days post or creatinine less than 0.2 mg/dL within 48 hours after anesthesia end
	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
	FLUID-01-C	Avoidance of colloids during cardiac cases
	*FLUID-02-C	Avoidance of colloids intraoperatively during open cardiac cases
	GLU-06-C	Glucose $\leq 180\text{ mg/dL}$ or re-check with 30 mins of glucose $\geq 180\text{ mg/dL}$ (9.99 mmol/L)
	GLU-07-C	Glucose maintained $\geq 70\text{ mg/dL}$ or re-check with 15 mins if $\leq 70\text{ mg/dL}$ (3.88 mmol/L)
	GLU-08-C	For glucose $> 180\text{ mg/dL}$, treatment of insulin with 30 mins or glucose re-check within 30 minutes and glucose $\leq 180\text{ mg/dL}$ (9.99 mmol/L)

Please refer to: <https://spec.mpog.org/Measures/Public> for full specifications and references used to determine measure requirements. Contact support@mpog.zendesk.com with any questions.

MPOG QI Measures

2025 Provider Guide

**Not available for provider feedback emails*

	TEMP-06-C	Hypothermia avoidance, core temperature at ≥ 35.5 °C at anesthesia end
	TEMP-07-C	Hyperthermia avoidance, less than 5 consecutive mins of body temp ≥ 35.5 °C between bypass start and end