![MPOG - Multicenter Perioperative Outcomes Group]

TEMP-04-Peds: Intraoperative Normothermia, Pediatrics

TEMP-04-Peds: Percentage of pediatric patients < 18 years old who have a median core/near core body temperature > 36 °C (96.8 °F) during the procedure.

Start:
All patients

Age ≥ 18 years —Yes→ Exclude

No

ASA 5 & 6 including Organ Procurement —Yes→ Exclude

No

Algorithm for determining Measure Start/End Times
Measure Start Time:
- **Patient In Room**. If not then,
- **Induction Start**. If not then,
- **Induction End**. If not then,
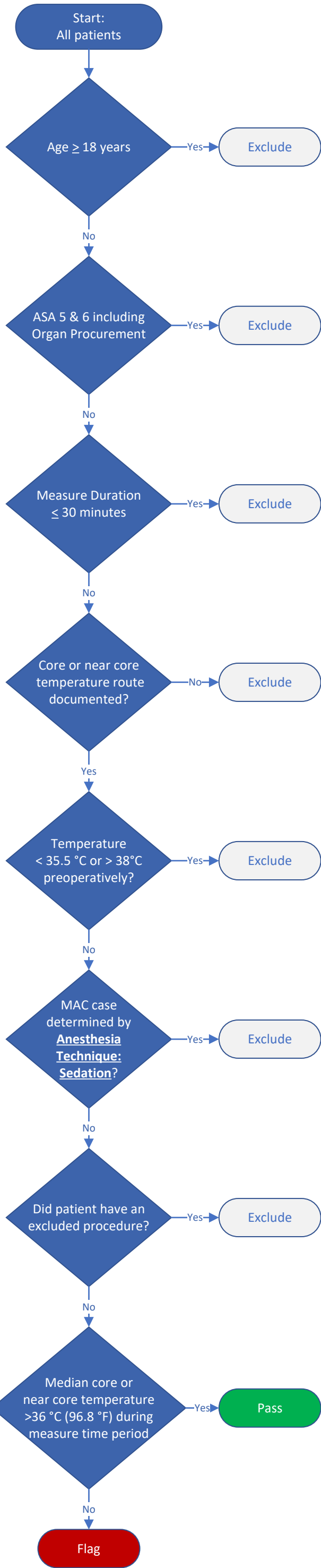- **Surgery Start**. If not then,
- **Anesthesia End**.

Measure End Time:
- **Patient Out of Room**. If not then,
- **Surgery End**. If not then,
- **Anesthesia End**.

Measure Duration ≤ 30 minutes —Yes→ Exclude

No

Core and Near Core Temperature Routes	
MPOG Concept ID	Routes
3031	Temperature – Temporal Artery
3055	Temperature – Esophageal
3056	Temperature – Blood
3057	Temperature – Tympanic
3058	Temperature – Bladder
3059	Temperature – Nasopharyngeal
3060	Temperature - Axillary
3061	Temperature - Rectal

Core or near core temperature route documented? —No→ Exclude

Yes

Temperature < 35.5 °C or > 38°C preoperatively? —Yes→ Exclude

No

Excluded Procedure Type:
- Cardiac cases determined by **Procedure Type: Cardiac**
- **MRI Only** procedures
- **Endoscopy** procedures
- Unlisted Anesthesia procedure
- Labor Epidurals determined by **Obstetric Anesthesia Type**

MAC case determined by **Anesthesia Technique: Sedation**? —Yes→ Exclude

No

Did patient have an excluded procedure? —Yes→ Exclude

No

Median core or near core temperature >36 °C (96.8 °F) during measure time period —Yes→ Pass

No

Flag

Artifact Logic:
Step 1: Exclude all temperature values that are < 32 °C and > 40 °C
Step 2: Apply artifact to exclude minute-to-minute values ≥ 0.5 °C difference in temperature.
  ➤ Example: If Temp B at 0801 is ≥ 0.5 °C higher or lower than Temp A at 0800, then exclude Temp B
Step 3: Exclude first 5 minutes of temperature monitoring to account for probe warming
  ➤ Minute-to-minute: exclude first 5 values
  ➤ 5-minute interval: exclude first value
Step 4: Calculate Median of remaining temperature values
Instances where there are two temperature monitoring methods, the average of both temperature values is used to determine the value of a single minute