MPOG
MULTICENTER PERIOPERATIVE OUTCOMES GROUP

TEMP-03: Perioperative Hypothermia

TEMP-03: (Inverse) Percentage of patients requiring general or neuraxial anesthesia for whom a body temperature ≥ 36 °Celsius (96.8 °F) was not recorded within 30 minutes before or 15 minutes after anesthesia end time.

Start: All patients

ASA 5 & 6 including Organ Procurement? — Yes→ Exclude

No ↓

Anesthesia duration < 60 minutes determined by Anesthesia Duration — Yes→ Exclude

No ↓

Measure time period:
30 minutes before Anesthesia End to 15 minutes after Anesthesia End

Anesthesia End determined by **Anesthesia End** phenotype.

Intentional hypothermia as determined by MPOG Concept ID: 50037? — Yes→ Exclude

No ↓

Emergency case determined by Emergency Status — Yes→ Exclude

No ↓

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

No ↓

Excluded Procedure Types:
- Burn Cases (CPT: 01953)
- Labor Epidurals determined by the **Obstetric Anesthesia Type MRI Only Procedures**
- Open Cardiac Cases determined by **Procedure Type: Cardiac**

Did patient have any excluded procedures types? — Yes→ Exclude

No ↓

Did patient receive Anesthesia Technique: General or Anesthesia Technique: Neuraxial? — No→ Exclude

Yes ↓

Conversion from F to C: F = 32 + 9/5(°C)

Artifact algorithm:

- Less than 32.0 °C (89.6 °F)
- Greater than 40.0 °C (104 °F)
- Any minute-to-minute jumps> 0.5 °C equivalent
  - Example: 0.125 °C/15s; 0.25 °C/30s; 1 °C/2mins

At least 1 body temperature measurement >36 °C (96.8 °F) achieved during measure time period? — Yes→ Pass

No ↓

Flag