

THERMO REGULATION

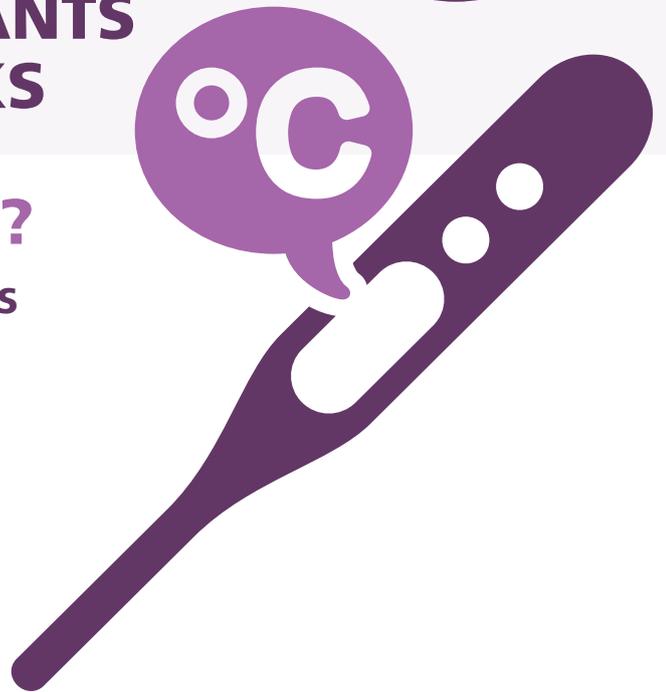
FOR PRETERM INFANTS BORN <34 WEEKS



WHY DOES IT MATTER?

Hypothermia in preterm infants increases risk of:

- **increased risk of death**
 - hypoglycaemia
 - metabolic acidosis
- respiratory distress and acidosis
 - necrotising enterocolitis
 - coagulation defects
- intraventricular haemorrhage



McCall et al 2018



**FOR EVERY 1 DEGREE DECREASE IN
ADMISSION TEMPERATURE
MORTALITY INCREASES BY 28%**

Laptook et al 2007

**IMPROVE TEMPERATURE BY:
PUTTING IN A PLASTIC BAG**



**REAL TIME TEMP MONITORING
DURING RESUSCITATION**

**PUTTING A HAT ON
+ WRAP UP WARM**



**USE BAPM + QI TO INVESTIGATE
HYPOTHERMIA + IMPROVE OUTCOMES**

www.bapm.org/pages/105-normothermia-toolkit