

# PATIENT TEMPERATURE TREND INDICATOR



**Patient Temperature Trend Indicator** reflects the rate of change in the patient's temperature over the previous five minutes.



Yellow arrows will light up or flash at different times with differing rates of change.

**Example:** One arrow (up or down) reflects 0.25°C - 0.5°C (0.45°F - 0.96°F) change per hour.

The center circle is lit when there is no temperature change over 0.25°C per hour. This is considered thermo-neutral.



If arrows are going up, the patient is generating excessive heat, and is not being controlled within the target temperature range.

- Check for signs of shivering: tremors of the jaw, chest or extremities
  - Employ counter-warming measures and medicate as necessary according to hospital protocol
- Check for signs of infectious fever: evaluate WBC, check cultures
  - Initiate antibiotics if ordered
- If the patient's temperature is not near the specified target temperature within 4 hours after initiating the cooling procedure, refer to the Decision Tree, located in the Quick Reference Guide attached to the Arctic Sun.

## Typical Trend Indications



**Cooling Procedure:** During a cooling procedure expect to see two or three arrows pointing downward. As the patient gets closer to the target temperature you selected, fewer arrows will appear.



**Thermo-neutral:** Once stable at the target temperature or when the patient is thermo neutral, only the center circle will be lit.