

**Parkland Health & Hospital System
Dallas, Texas**

**Women & Infant Specialty Health
Neonatal Intensive Care Unit**

**Total Body Cooling
Rewarming Worksheet**

The re-warming process shall begin 72 hours after the initiation of hypothermia. The attending physician or neonatal fellow shall initiate the Re-Warming Orders. Refer to procedure # 1800.14 Total Body Cooling For Hypoxic Ischemic Encephalopathy.

Date _____ and time _____ re-warming is initiated.

Step 1

To begin the re-warming process **increase the automatic control** (servo set point) **on the cooling unit** by 0.5°C every hour until the set point temperature on the cooling unit has been on 36.5°C for 1 hour. Record esophageal and skin temperatures, heart rate, blood pressure and blanketrol readings hourly.

| .. | Set Point: | Esophageal Temperature | Skin Temperature | Blanketrol | Heart Rate | Blood Pressure |
|-----------------|--------------------|------------------------|------------------|------------|------------|----------------|
| Baseline: _____ | 33.5 °C 34.0 °C | _____ | _____ | _____ | _____ | _____ |
| Time: _____ | ↑ 34.5 °C | _____ | _____ | _____ | _____ | _____ |
| Time: _____ | ↑ 35.0°C | _____ | _____ | _____ | _____ | _____ |
| Time: _____ | ↑ 35.5°C | _____ | _____ | _____ | _____ | _____ |
| Time: _____ | ↑ 36.0°C | _____ | _____ | _____ | _____ | _____ |
| Time: _____ | ↑ 36.5°C | _____ | _____ | _____ | _____ | _____ |
| Time: _____ | 36.5°C | _____ | _____ | _____ | _____ | _____ |

Step 2

Set the cooling unit to monitor only. Switch the radiant warmer temperature mode from manual to servo and set the servo control temperature to 0.5°C above the infant's skin temperature. Increase the servo control mode by 0.5°C every hour until the warmer reaches 36.5°C. Record esophageal and skin temperatures, heart rate, blood pressure and blanketrol readings hourly.

| | | | | | | |
|------------|-------|-------|-------|-------|-------|-------|
| Time _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Time _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Time _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Time _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Time _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Time _____ | _____ | _____ | _____ | _____ | _____ | _____ |

Step 3

Once the infant's skin temperature reaches 36.5°C remove cooling blanket and esophageal probe. Obtain further vital signs per unit standard of care.

RN Signature _____ ID# _____

RN Signature _____ ID# _____

RN Signature _____ ID# _____