**INDUCED HYPOTHERMIA**

**HISTORY**
Non-traumatic cardiac arrest  
*(drowning & hanging are permissible)*

**SIGNS & SYMPTOMS**
- Return of pulse.
- Greater than 18 years of age.
- Persistent coma with no eye opening to pain, or GCS < 9

**DIFFERENTIAL**
Continue to address specific differentials associated with the original dysrhythmia

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**Return of spontaneous circulation**

- Post-resuscitation Protocol
  - **Unsuccessful**
    - **Airway Management Protocol**
      - No
        - Advanced airway in place (King LTS-D, ETT)
        - Establish IV access
        - Perform neuro exam
        - Expose patient, apply ice packs around the head, to the groin, and axilla.
        - If available, cold saline bolus 20 ml/kg to max of 2 liters.
        - If history of CHF then 1 liter bolus
          - **Discontinue cooling measures**
            - Post-resuscitation Protocol

- Greater than 18 years of age.
- Persistent coma with no eye opening to pain, or GCS < 9

**Post-resuscitation Protocol**

**Criteria for Induced Hypothermia**
- Induced hypothermia is reserved for patients when transport time is >15 minutes.
- ROSC not related to blunt/penetrating trauma or hemorrhage
- Age 18 years or older with adult body habitus
- Temperature after ROSC greater than 34°C.
- Advanced airway in place with no purposeful response to pain
- If no advanced airway can be obtained, cooling may only be initiated by Medical Control order
- Protect patient’s modesty. Undergarments may remain in place during cooling.
- Do not delay transport to cool patient.
- Frequently monitor airway, especially after each patient move.

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**Post-Resuscitation Protocol**

**FR-D**
**BLS**
**ILS**
**ALS**
**Medical Control**