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| **BLS Treatment** |
| * CPR/AED
* **Oxygen** as indicated.
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| **ALS Treatment** |
| **Current American Heart Association Guidelines concerning Emergency Cardiac Care assessments and interventions shall always take precedence over local protocols when there is a conflict concerning techniques of resuscitation.*** IV/IO with **Normal Saline** TKO. Place second large bore IV with **Normal Saline**.
* **Normal Saline** fluid bolus if SBP < 90 or signs of hypoperfusion, and lungs are clear. Repeat PRN.
* If fluid bolus ineffective,May administer **Dopamine.** Titrate to maintain SBP > 90.
* If therapeutic hypothermia is indicated, administer chilled **Normal Saline** boluses (if available and if total volume does not exceed Therapeutic Hypothermia dose (see below).
* Obtain 12 Lead ECG.
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| **Therapeutic Hypothermia** |
| * Stop all forms of active warming (maintain modesty) and turn off cabin heat.
* Apply Ice Packs AND/OR
* Infuse 30 mL/Kg of **Normal Saline** chilled to 3**°** C (66 Kg = 2 L) using 300 mm/Hg pressure infusion sleeve(s) or BP cuff.
* If uncontrolled shivering and SBP >90, may administer **Midazolam:**
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| **Base Hospital Contact Criteria** |
| * **Midazolam** use if SBP < 90.
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| **Comments** |
| **THERAPEUTIC HYPOTHERMIA INDICATIONS*** Immediately after ROSC.
* Age 18 and over
* Patient does NOT follow commands (unresponsive and GCS < 8).
* Systolic blood pressure ≥ 90 mm Hg.
* SpO2 > 85%.
* Blood glucose > 60 mg/dL.

**CONTRAINDICATIONS TO THERAPEUTIC HYPOTHERMIA*** Hypothermic cardiac arrest patients with return of spontaneous circulation should not be actively cooled. Keep patient covered and transport to STAR center.
* Responsive post arrest with GCS ≥ 8, and/or rapidly improving GCS.
* Traumatic cardiac arrest.
* Pregnancy.
* Do Not Resuscitate (DNR) Status.
* Patients with known bleeding diathesis or with active ongoing bleeding.
* Patients with significant known liver disease.
* Core temperature ≤ 32°C (90°F).

 **ICE PACK LOCATIONS**Apply 8 ice packs to the following areas:* 2 to sides of head
* 1 at each carotid artery in neck.
* 1 at each axilla.
* 1 at each femoral artery in groin.
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