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| **BLS Treatment** |
| * CPR/AED * **Oxygen** as indicated. |
| **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:** |
| **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. |