**Treatment Protocols** | **Date: 02/01/2021**
*Heat Illness/Hyperthermia* | **Policy #9120A**

| Stable | Unstable |
|---|---|
| Blood pressure >90 mmHg | Systolic blood pressure <90 mmHg, and/or signs of poor perfusion |
| **Adult BLS Standing Orders** | |
| • **Universal Patient Protocol**<br>• Give oxygen and/or ventilate PRN per **Airway Policy**<br>• Monitor O2 saturation PRN<br>• Remove patient from dangerous environment<br>• Blood glucose PRN<br>**Heat Exhaustion (Not Altered)**<br>• Loosen or remove clothing<br>• Cool gradually (spraying with tepid water and fanning); avoid shivering<br>• If alert and no nausea, give small amounts of cool liquids by mouth<br>• Obtain baseline temperature | • **Universal Patient Protocol**<br>• Give oxygen and/or ventilate as indicated per **Airway Policy**<br>• Monitor continuous oxygen, capnography (if ALS present), ECG, and pulse oximetry<br>• Remove patient from dangerous environment<br>• Blood glucose PRN<br><br>**Heat Stroke (Altered Mental Status)**<br>• Remove clothing<br>• Implement rapid cooling measures, ice packs to axillae, groin, cervical area<br>• Flush or spray with tepid water, fan patient<br>• Avoid shivering<br>• Obtain baseline temperature |
| **Adult LALS Standing Order Protocol** | |
| • Establish IV PRN<br>**Heat Exhaustion**<br>• **NS 0.9% 500 mL IV** (if clear lungs). May repeat SO to maximum of 2,000 mL | • Establish IV<br>**Heat Stroke**<br>• **NS 0.9% 500 mL IV** (if clear lungs). May repeat SO to maximum of 2,000 mL |
| **Adult ALS Standing Order Protocol** | |
| • Establish IV PRN<br>• Monitor continuous oxygen, capnography (if ALS present), ECG, and pulse oximetry | • Monitor continuous oxygen, capnography, ECG, and pulse oximetry<br>• Insert ETT airway PRN per **Airway Policy**<br>• Establish IO |
| **Adult Base Hospital Orders** | |
| | • **BH- Dopamine 400 mg/250mL NS**, run at 10-20 mcg/kg/min; titrate to SBP 90 mm Hg |
| **Notes:** | |
| • **Always consider medical sources for hyperthermia such as:**<br>   o **Sepsis or infection**<br>   o **Intoxication or medication overdose (ex: serotonin syndrome)**<br>• **Remove these factors if possible** | |

APPROVED:

Signature on File

Katherine Staats, M.D.

EMS Medical Director