

Treatment Protocols**Date: 07/01/2025****Heat Illness/Hyperthermia****Policy #9120P**

Stable Blood pressure appropriate for age	Unstable Systolic blood pressure low for age, and/or signs of poor perfusion
Pediatric BLS Standing Orders	
<ul style="list-style-type: none"> • Universal Patient Protocol • Give oxygen and/or ventilate PRN per Airway Policy • Monitor O2 saturation PRN • Remove patient from hostile environment • Blood glucose PRN • Capnography <p><u>Heat Exhaustion (Not Altered)</u></p> <ul style="list-style-type: none"> • Loosen or remove clothing • Cool gradually (spraying with tepid water and fanning); avoid shivering • If alert and no nausea, give small amounts of cool liquids by mouth • Obtain baseline temperature 	<ul style="list-style-type: none"> • Universal Patient Protocol • Give oxygen and/or ventilate PRN per Airway Policy • Monitor O2 saturation PRN • Remove patient from hostile environment • Blood glucose PRN • Capnography <p><u>Heat Stroke (Altered Mental Status)</u></p> <ul style="list-style-type: none"> • Remove clothing • Implement rapid cooling measures, ice packs to axilla, groin, cervical area • Flush or spray with tepid water, fan patient • Avoid shivering • Obtain baseline temperature
Pediatric LALS Standing Order Protocol	
<ul style="list-style-type: none"> • Establish IV PRN • Capnography <p><u>Heat Exhaustion</u></p> <ul style="list-style-type: none"> • 10-20 mL/kg NS IV bolus; titrated to age-appropriate systolic BP MR x1 PRN for suspected dehydration 	<ul style="list-style-type: none"> • Establish IV • Capnography <p><u>Heat Stroke</u></p> <ul style="list-style-type: none"> • 10-20 mL/kg NS IV bolus; titrated to age-appropriate systolic BP MR x1
Pediatric ALS Standing Orders	
<ul style="list-style-type: none"> • Monitor EKG • Establish IV/IO PRN • Capnography <p><u>Heat Exhaustion</u></p> <ul style="list-style-type: none"> • 10-20 mL/kg NS IV/IO bolus; titrated to age-appropriate systolic BP MR x1 PRN for dehydration 	<ul style="list-style-type: none"> • Monitor EKG • Establish IV/IO • Capnography <p><u>Heat Stroke</u></p> <ul style="list-style-type: none"> • 10-20 mL/kg NS IV/IO bolus; titrated to age-appropriate systolic BP MR x1

Treatment Protocols**Date: 07/01/2025****Heat Illness/Hyperthermia****Policy #9120P****Pediatric Base Hospital Orders**LALS

BH - Repeat NS 0.9% 20 mL/kg IV

ALS

BH - Repeat NS 0.9% 20 mL/kg IV/IO

BHP – Dopamine per weight-based protocol

Notes:

- **Always consider medical sources for hyperthermia such as:**
 - **Sepsis or infection**
 - **Intoxication or medication overdose (ex: serotonin syndrome)**
- **Remove these factors if possible**

APPROVED:

SIGNATURE ON FILE – 07/01/25

Katherine Staats, M.D. FACEP

EMS Medical Director