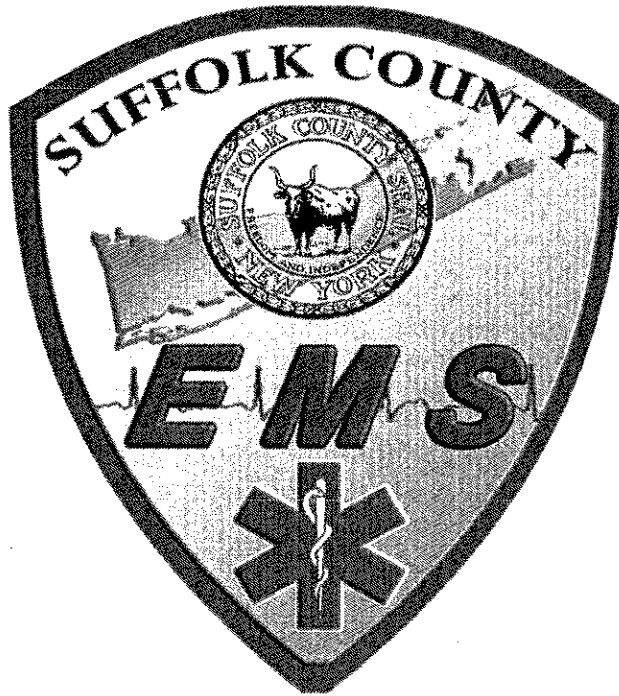


# Suffolk County EMS



## Advanced Life Support Protocol Manual

**Steven Bellone**  
Suffolk County Executive

**James L. Tomarken, MD, MPH, MBA, MSW**  
Commissioner, Department of Health Services

**Gregson H. Pigott, MD, MPH**  
EMS Medical Director

**Thomas Lateulere, NREMT-P**  
Chief, Education and Training

**Robert Delagi, MA, NREMT-P**  
Director, EMS and Public Health  
Emergency Preparedness

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## PEDIATRIC HYPOPERFUSION

*This protocol is intended for non-traumatic pediatric patients that have the following signs and symptoms: cool, clammy and mottled skin; SBP less than (<) 70; tachycardia; and tachypnea.*

- Follow appropriate NYS BLS protocol.
  - Airway management and appropriate oxygen therapy.
  - Cardiac Monitor
  - IV NS KVO
  - Fluid Bolus 20 ml/kg wide open
  - If you suspect cardiogenic shock, contact Medical Control.
- If you suspect Adrenal insufficiency:*
- Administer Hydrocortisone Sodium Succinate 2 mg/kg bolus IV/IM, not to exceed 100 mg, if available, **OR** Methylprednisolone 0.4 mg/kg, IV/IM, not to exceed 125 mg IV/IM.
  - Repeat IV bolus 20 ml/kg



• Repeat Normal saline 20 ml/kg IVP.



• Repeat any of the above.  
• Epinephrine drip  
• Dopamine  
• Refer to the Pediatric Advanced Airway protocol.

EMT-CC and EMT-P

EMT-P

MEDICAL CONTROL

## APPENDIX 1

### ALS FORMULARY

**Adenosine** – for IV administration  
**Albuterol** – for inhalation  
**Amiodarone** – for IV administration  
**Aspirin** – for oral (PO) administration  
**Atropine** – for IV or ET administration  
**Calcium Chloride** – for IV administration  
**Diazepam** – for IV administration\*\*  
**Diltiazem** – for IV administration  
**Diphenhydramine** – for IV or IM administration  
**Dopamine** – for IV infusion  
**DuoDote**™  
**Epinephrine** – for IV, IM, IV infusion, IN, or ET administration  
**Epinephrine Auto-Injectors (adult and pediatric)** – for IM administration  
**Etomidate** – for IV administration  
**Fentanyl Citrate** – for IV, IM or IN administration\*\*  
**Furosemide** – for IV administration  
**Glucagon** – for IM or IN administration  
**Haloperidol** – for IM administration  
**Hydrocortisone Sodium Succinate** - for IV or IM administration  
**Hydroxocobalamin** – for IV infusion  
**Ipratropium Bromide** – for inhalation  
**Ketorolac** – for IV or IM administration  
**Lidocaine** – for IV administration  
**Lorazepam** – for IV or IM administration\*\*  
**Magnesium Sulfate** – for IV and IV infusion administration  
**Mark I**™  
**Metoprolol Tartrate** – for IV administration  
**Methylprednisolone** – for IV or IM administration  
**Midazolam Hydrochloride** – for IV, IM or IN administration\*\*  
**Morphine Sulfate** – for IV or IM administration\*\*  
**Naloxone** – for IV, IM, IN or ET administration  
**Nitroglycerin** – for sublingual (SL) administration  
**Nitrous Oxide** – for inhalation administration  
**Normal Saline** – for IV administration  
**Ondansetron Hydrochloride** - for IV or IM administration  
**Ringers Lactate** – for IV administration  
**Rocuronium** – for IV administration  
**Sodium Bicarbonate** – for IV administration  
**Succinylcholine** – for IV administration  
**Thiamine** – for IV or IM administration  
**Vecuronium Bromide** – for IV administration  
**50% Dextrose in Water** – for IV administration  
**25% Dextrose in Water** – for IV administration  
**10% Dextrose in Water** – for IV administration  
**Sodium Chloride** – for irrigation

Continued.

## Hydrocortisone Sodium Succinate (Solu-Cortef)

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### Class

Corticosteroid

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### Description

Reduces inflammation by multiple mechanisms. It replaces the steroids that are lacking in adrenal insufficiency.

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### Onset & Duration

**Onset:** IV – 1 hour

**Duration:** IV 8 – 12 hours

**Adult Dosage:** 4 mg/kg slow IV Bolus/ IM.

**Pediatric Dosage:** 2 mg/kg bolus IV/ IM, not to exceed 100 mg, if available.

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### Indications

Adrenal insufficiency

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### Contraindications

Known hypersensitivity, systemic fungal infections, premature infants

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### Adverse Reactions

Headache, vertigo, CHF, hypertension, fluid retention, nausea

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### Drug Interactions

Incompatible with Heparin and Metaraminol.

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### How Supplied

Parenteral for IV injection – 100, 200 or 500 mg powder in vials (requires reconstitution with solution provided).

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### Special Considerations

Pregnancy Class C; Exceeding max dosage of 100-500 mg may be acceptable in emergency situations.

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### NOTES:

#### Dosage Forms and Packaging:

Store at controlled room temperature (59° to 86° F). Requires reconstitution with solution provided.

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