

# Changes to the Hudson Valley Regional EMS Council's ALS Protocols

## AHA 2005 Guidelines

The Hudson Valley Regional EMS Council's Advanced Life Support Protocols have been updated consistent with the AHA's 2005 Guidelines. This includes changes in treatment modalities and adjuncts used in the pre-hospital setting. It is highly recommended that each ALS provider review and familiarize him/herself with the various changes in the Regional ALS protocols.

## Protocol Format Changes

### Considerations Boxes

- May preface the clinical steps of the protocol
- May also be found within the protocol's clinical steps when the Level of Care changes (Paramedic considerations maybe different from those of a Critical Care Technician)
- May also be found at the end of the protocol's clinical steps

### Medical Control Options

- Are found at the end of the clinical steps for a given level of care.
- May also be found at the end of the protocol's clinical steps
- ALS Care Protocol-1

## Clinical Information

### Initial ALS Care

- *"This protocol is to be implemented in conjunction with the New York State Basic Life Support Adult and Pediatric Treatment Protocols for every patient that the ALS provider determines to require pre-hospital ALS care."*
- Replaces Adult and Pediatric *"Routine Medical Care"* Protocol
- Incorporates NYS BLS Protocol *"General Approach to Patient Care"* as well as ALS procedures

### Adult Medical Protocols

- Lorazepam, Metoprolol, and Promethazine Hydrochloride were added to the formulary
- Overdose and Toxic Exposure separated into two distinct protocols.
- Two new protocols added:
  - Abdominal Pain
  - Suspected Stroke

### Adult Trauma Protocols

- New Protocols include:
  - Major Trauma
  - Major Trauma Transport
  - High Risk Patient

### **Special Considerations**

- The following protocols have been moved into the Special Considerations section:
  - Rapid Sequence Intubation
  - Child Birth/Precipitous Delivery
  - Pain Management/Analgesia
  - Toxemia of Pregnancy
  - Neonatal Resuscitation
- New Protocols in this section include:
  - Mark I kit use
  - Emergency Incident REHAB

### **Pediatric Medical Protocols**

- Abdominal Pain has been added as a new protocol to this section
- Toxic Exposure and Overdose were separated into two distinct protocols

### **Pediatric Trauma Protocols**

- New Protocols in this section include:
  - Major Trauma
  - High Risk Patients
  - Traumatic/Hypovolemic Shock
  - Tension Pneumothorax
  - Head Trauma
  - Burns
  - Major Trauma Transport

*Each of the five clinical sections of the protocols includes reference charts (such as GCS and Burn Charts) which may be helpful to ALS providers in the field.*

### **Appendices**

#### **Include:**

- Regional Helicopter Utilization Guidelines
- Regional Hospital Information
- Location Codes
- Physician Release Form
- Equipment List
- Medication List
- Drug Formulary

#### **Formulary Changes**

- Additions to the formulary include:
  - Lorazepam
  - Metoprolol
  - Promethazine HCl
- The following have been removed from the formulary:
  - Oxytocin
  - Verapamil