

## Major changes Cleveland Clinic Eastern Region EMS Protocols 2010 Revision

### Adult Airway and Breathing

2-4 Removed Combitube from airway matrix

2-5 Sedation changed from red box to blue. Versed dose changed from 2 mg to 2 – 4 mg.

2-5 Combitube removed from BLS airways

2-5 Direct visualization of airway and removal of foreign body airway obstruction yellow boxed for BLS intervention.

2-7 Direct visualization of airway and removal of foreign body airway obstruction yellow boxed for BLS intervention.

2-9 Atrovent moved up on moderate SOB branch

2-9 CPAP changed to yellow box for CPAP not responding to treatment severe branch

2-9 Epi for asthma not responding to treatment changed from blue to green

**2-11 Capoten changed to 12.5 mg with systolic BP greater than 110 – no 25 mg dose prehospital**

2-11 Added ACEI allergy cautions

2-11 Albuterol for cardiac wheezes changed to green box

2-13 Needle decompression changed to green box

### ACLS

4-2 Added Valium for Cocaine induced ACS symptoms 5 mg IV blue box

4-4 Versed changed to range of 2 – 4 mg

4-4 Added IN Versed dose

4-6 Versed changed to range of 2 – 4 mg

4-6 Added IN Versed dose

4-6 Added WPW warning with existing Afib note for Adenocard

4-8 Versed changed to range of 2 – 4 mg

4-8 Added IN Versed dose

4-10 Added ResQPOD during CPR

4-12 Added ResQPOD during CPR

4-12 Vasopressin removed

4-14 Added ResQPOD during CPR

4-14 Vasopressin removed

4-16 Amiodarone removed from post – resuscitation cardiac care – electrical conversion only

4-16 Added consideration of transport to hospital with hypothermic resuscitation protocol

### Adult Medical Emergencies

5-2 Added anti-emetic protocol to abdominal pain

**5-4 Added warning about same syringe compatibility of Haldol and Benadryl**

5-6 Added Zofran oral dissolving tabs

5-8 Added Narcan with respiratory depression under glucose > 250 branch

5-20 Hypertensive emergencies renamed to hypertensive emergencies with stroke

**5-20 Signs and symptoms of CVA extended to 3 ½ hours**

5-24 Removed Diastat from seizure protocol

5-24 Added intranasal concentration of Versed

**5-24 Added additional caution regarding concentration of IN vs. IV Versed**

5-26 Added Zofran oral dissolving tabs

5-26 Added no call second dose of analgesics when not responding to first

5-28 Lidocaine removed from stroke protocol prior to intubation

5-31 Updated common beta blockers list

5-32 Added toxic inhalation / ingestion – cyanide protocol

5-34 Added toxic inhalation – carbon monoxide protocol

## Pediatrics

- 6-5 Direct laryngoscopy and removal with magill forceps changed to yellow box
- 6-4 Key points limit intubation attempts changed to 2 max – BVM and oral airway acceptable
- 6-5 Use of laryngoscope and magill forceps changed to yellow boxed
- 6-7 Removed spo2 parameters from croup. Admin racemic epi if severe distress
- 6-9 Atrovent added to severe respiratory distress tree
- 6-11 Mild / moderate respiratory distress added to protocol
- 6-11 Added min and max doses for Atropine and Epinephrine to tree
- 6-11 Atropine listed as “Consider” per ACLS
- 6-13 Intranasal Versed dose changed to 0.3 mg / kg
- 6-15 Added max dose for Epinephrine
- 6-15 Added max dose for D-25
- 6-17 Added max doses for Amiodarone, Lidocaine, Epinephrine, and Magnesium Sulfate
- 6-21 Narcan changed from red box to green
- 6-19 Added treatment branch for patient with BGL 60-250, previously absent
- 6-19 Max dose added for Narcan
- 6-19 Added D25 max 2 amps
- 6-21 Added Zofran ODT's
- 6-23 Added D25 max 2 amps
- 6-25 Added apply ice packs to patients with CBT > 104° F
- 6-33 Versed intranasal dose changed to 0.3 mg / kg
- 6-33 Valium and Versed changed to green box for intermediate administration
- 6-33 Max dose added for Versed IN and Versed IV
- 6-33 Rectal Diastat removed from protocol
- 6-33 Added D25 max 2 amps

6-35 Added new peds pain management protocol  
6-37 Added max dose for Epinephrine  
6-41 Added max dose for Narcan  
6-41 Added D25 max 2 amps  
6-46/50 Added pre calculated pediatric medications section

### Trauma

7-10 Decompression changed to green box for intermediates  
7-11 Removed 5<sup>th</sup> / 6<sup>th</sup> intercostal spaces from key points, reserve for chest tubes  
7-11 Added - Decompress with 2"- 3" catheter biased on patients size  
7-14 Added Versed 2 - 4 mg IV / IN as consideration for severe long bone injuries  
7-18 Removed Lidocaine prior to intubation  
7-20 Decompression changed to green box for intermediates  
7-22 Decompression changed to green box for intermediates

### OB

**8-4 Changed Magnesium Sulfate from 2 – 4 grams to 4 – 6 grams**

8-7 added APGAR score box

### Medications

9-5 Adenocard contraindication added of WPW  
9-5 Adenocard pediatric initial dose changed to 6 mg max dose  
9-7 Removed need to mix Amiodarone in 20 ml saline for arrest patients  
9-9 Minimum dose of Atropine for pediatrics added

9-10 Added pediatric use of Atrovent

9-11 Pediatric max dose changed to 50 mg

9-11 Added warning regarding same syringe mixing of Haldol and Benadryl

9-12 Capoten dose changed to 12.5 with systolic BP greater than 110 removed 25 mg dosing

9-15 Added call for repeat for Diludid

9-16 Added dopamine drip chart

9-20 Added warning about same syringe mixing of Haldol and Benadryl

9-21 Stroke window increased to 3 ½ hours

9-24 Added peds dose for Magnesium

9-24 Changed eclampsia from 2 – 4 grams to 4 – 6 grams

9-26 Added pediatric dose for Morphine

9-32 Removed <4 years from racemic epinephrine

9-33 Peds dose added for sodium bicarb

9-37 Removed rectal Diastat from protocol

9-38 Versed IV dose changed to 2 – 4 mg

9-38 Versed IN dose for peds changed to 0.3 mg / kg

9-39 Zofran oral dissolving tabs added