

## MAJOR CHANGES CCHS Eastern Region 2011 EMS PROTOCOL

### GLOBAL CHANGES

All medications are now as generic name followed by the trade name throughout the entire protocol for safety. Format = GENERIC (TRADE)

Sections reordered to group all adult protocols together and all pediatric protocols together

Each section header is color coded similar to IO needle color (PINK for PEDS, LIGHT BLUE for ADULT) for easy location in appropriate section

Each section is broken into the same 5 sub-sections (AIRWAY/BREATHING, CIRCULATION/SHOCK, ACLS, MEDICAL, AND TRAUMA)

Header contains direction finding listing all the sub-sections of the group in order of appearance, highlighting the current sub-section.

### SPECIFIC Changes

#### Adult Airway

2-5 Added consideration for Bougie assisted intubation to key points.

2-12 Switched CPAP and Captopril (Capoten) boxes so medications go in order before CPAP.

2-14 Added reminders about hypotension as an indicator of tension pneumothorax.

#### Adult Circulation

3-4 Revised impending arrest / anaphylactic shock branch to include ALL AGES.

3-4 Eliminated confusing verbiage about repeat doses of Epinephrine (adrenaline).

#### Adult ACLS

4-2 Entire ACS protocol reworked to have 2 branches for STEMI patients and angina patients.

4-6 Added branch to support treatment and management of irregular tachycardias.

4-6 Added warnings about cardioversion of irregular tachycardias.

4-17 Added post resuscitation induced hypothermia protocol for use where hospitals can support continued cooling measures.

#### Adult Medical Emergencies

5-2 Added severe pain medications directly on the abdominal pain protocol page to eliminate confusion.

5-8 Consolidated Behavioral / Psychiatric and Acute Psychosis (2010) protocols into one page with two branches.

5-9 Added mandates regarding neurovascular checks of patients.

5-16 Added epistaxis protocol with intranasal thrombin medication.

5-18 Revised fluid bolus procedure for heat stroke.

5-26 Consolidate Stroke and Hypertensive Emergencies with Stroke(2010) protocols into one page with two branches for supportive care vs. blood pressure management with Labetalol (trandate).

5-27 reworded confusing verbiage regarding inclusion / exclusion for Labetalol (trandate) treatment. Let receiving hospital determine stroke alert.

5-28 revised Beta Blocker OD branch to include more appropriate treatments in addition to Glucagon (glucagen).

5-58 Added treatment support of Calcium Channel Blocker OD.

#### Adult Trauma

6-14 Added use 2 tourniquets for lower extremity exsanguination.

6-18 Added branch to Head Trauma protocol for treatment of TBI patients

#### Peds Airway

7-7 Removed Spo2 requirements to administer Racepinephrine (Racemic Epi), severe distress is the indication

7-9 Added Ipratropium (Atrovent) to severe distress branch

## Peds Medical Emergencies

10-13 Removed Nitroglycerine (Nitro-Stat) from Peds esophageal foreign body protocol

10-19 revised Beta Blocker OD branch to include more appropriate treatments in addition to Glucagon (glucagen).

10-19 Added treatment support of Calcium Channel Blocker OD.

## Pediatric Trauma

6-14 Added use 2 tourniquets for lower extremity exsanguinations if needed.

## Appendix 1 – Medications

Global Additions to all medication section pages;

Added Pregnancy Class to upper left hand part of every medication page in orange “caution” box.

Color coded adult and pediatric dosage boxes the same as the rest of the protocol.

Placed Pediatric DOSE CHARTS at end of medication section

Added new medication – Thrombin JMI

## Appendix 2 – Medical Procedures

14-3 Added puberty to age consideration for adult

14-7 Added CPAP protocol tree

14-10 Added support for bougie assisted intubation

14-42 Tourniquets procedure re-written very generically to not specify any one type or brand of tourniquet

14-43 Added Thrombin JMI procedure

## Appendix 3 – Special Operations

15-2 Removed HERT protocol (Hospital Protocol, Not EMS)

15-2 Added caution box to notify hospital of contaminated patient early and activate HERT team

15-3 Moved Nerve Agent Antidote Kit here from procedure section of old (2010)

Appendix 5 – Scope of Practice

Moved scope of practice here from Medical Control location of old (2010).