**Dr. Crawford EMS 10th Edition Presentation Bullet Points (February 1, 2022)**

* T**he Alabama Protocols 10th Edition has a new format**
* The 9.01 Edition’s Format
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* The 10th Edition Format (New Format)
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* algorithm type
* See protocol document
* Left of treatment boxes are letters (ie AIPC, IPC, all levels)
	+ Defines who can perform given treatment
	+ A-Advanced; I-Intermediate; P-Paramedic; C-Critical Care Medic
* **Category A**
* Do not need to call for orders
	+ Except for pediatric intubation (less than age 3)
* Adult tachycardia
* **“Consider OLMD Consultation” -** Gives the opportunity to call medical control, but You do not need too
* 
* NEW MEDICATIONS:
* Tylenol- added for mild pain (Page 97)
	+ 1 g for adult
	+ 15 mg per kilogram up to 1000 mg for children
	+ Not for liver disease
* Albuterol- all levels can give (Page 97)
	+ Asthma & COPD
	+ Missed dose
* Epinephrine (Page 103)
	+ 1:10,000 for cardiac arrest (pediatric and adult)
	+ Advanced and intermediate
* Solu-Medrol (Methylprednisolone) (Page 109)
	+ Pause for hyperglycemia
	+ For all advanced, intermediate, and paramedic
	+ Missed dose
* Midazolam (Versed) (Page 110)
	+ Added to advanced and intermediate for seizures only
	+ Nasal only
	+ Missed dose
	+ Some side effects
		- Apnea
		- Hypertension
		- Dysrhythmia
* Rocephin and Ancef (Page 100, 101)
	+ All 3 levels
	+ 2 indications
		- Sepsis
		- Open fracture
	+ Call med control if You have a question about their allergies and whether You can give them
* Toradol (Brand Name) (Page 117)
	+ NSAID
	+ IV Form
	+ Added to all 3 levels
	+ Moderate pain
	+ Trying to get away from ketamine
		- Not great for pain control
	+ Kidney stones, etc.
	+ Contraindications
		- Older aged
		- Renal insufficiency- dialysis
		- Stroke/traumatic brain injury within last 24 hours
		- If already had NSAID within 8 hours
* TXA (Tranexamic Acid) (Page 118)
	+ Bleeding/trauma patients
	+ Older than 15 y/o
	+ Less than 3 hours from injury onset
* PROTOCOLS:
* Adrenal Insufficiency (Page 22)
	+ All can give Solu-Medrol
	+ 125 mg IM or IV in adult
	+ 2 mg per kilogram IM or IV for pediatric, 125 mg max
	+ Any of the three suggested meds can be used
		- Solu-medrol is encouraged
		- 
* Asthma and COPD (Page 28)
	+ Added albuterol for EMT level
	+ Solu-Medrol
	+ Consider CPAP or BiPAP for all levels
	+ 
* Cardiac Arrest (Page 32)
	+ Epinephrine
	+ 1:10,000 but must be in cardiac arrest
	+ 
* Congestive Heart Failure (Page 45)
	+ No new treatments
	+ Check for signs
	+ Reduce preload with nitroglycerin
* Croup (Page 47)
	+ Racemic epinephrine for AIPC
	+ 
* Hypothermic (Page 60)
	+ IV fluids if in shock or dehydrated
* Hypoglycemia (Page 58)
	+ Give oral glucose
	+ D10
		- Preferred
		- Readily available
		- More stable
		- 250 mL IV in adult
			* Maybe follow up with 30cc/hr
		- 4 mL per kg in pediatric, 250 mL max
		- Still can use D50, D25, D5 etc.
		- D10 preferred
* Pain Management (Page 70)
	+ Mild pain Tylenol
		- 1000 mg adults
		- 15 mg per kg pediatric
	+ Toradol for greater than 1 y/o
	+ Ketamine for refractory pain
	+ Morphine/Fentanyl doses in protocol
		- Use before ketamine
* Seizures (Page 78)
	+ Intranasal Versed
	+ Pediatric short-lived seizures
	+ Pregnant may be due to eclampsia
		- See those protocols
* Sepsis (Page 80)
	+ Fluids and antibiotics
	+ Organ dysfunction caused by infection
	+ Lactate greater than 4 or hypotensive, 30mL per kg
		- Tell Nurse how much fluid you have given
	+ Antibiotics
		- Rocephin
	+ May need to add pressor- (dopamine or epi infusion)
	+ Epinephrine push dose
		- **1:10,000**
* General Trauma (Page 91)
	+ TXA
		- Vaginal bleeding
	+ Open fracture
		- Antibiotic
		- Rocephin
		- Ancef
* Stroke (Page 84)
	+ EMSA scale
	+ TCC will ask about EMSA starting April 1st
	+ Training will come out soon
	+ TCC can talk through it if unfamiliar
	+ Used to identify large vessel occlusion
	+ Mechanical thrombectomy capable hospitals
* **Don’t hesitate to call medical control. They are there to help you.**
* Will go live on the last Friday of April (April 29th)
* Once the Protocol training is complete, send a notice of completion to Allan Pace (allan.pace@eastalabamaems.com ) with date(s) of completion and your services off-line medical director. A certificate will be generated with the Regional Course approval number on it for you to use to finish certificates for your staff.