

**Missouri Department of Health and Senior Services**  
**Time Critical Diagnosis -Trauma Systems Task Force Meeting**  
**Truman Office Building**  
**August 19, 2010**

**Those participating:** Dr. Samar Muzaffar, Dept. of Health & Senior Services (DHSS); Mark Alexander, CoxHealth; Dr. Lynthia Andrews, State Advisory Council; Jami Blackwell, Trauma Program Manager, CoxHealth; Kent Cantrell, Chief, Excelsior Springs Fire Department; Karen Connell, DHSS; Dr. Jeff Coughenour, University Hospital & Clinics; Jason Cullom, RN, BSN, Trauma Coordinator, St. Joseph Hospital West; Dr. Robert Dodson, Trauma Director, St. John's Regional Medical Center; Dr. Doug Geehan, Truman Medical Center; Dolly Giles, Pike Memorial County Hospital; Cindy Gillam, RN, DHSS; Randall Graham, RN, Emergency Department Manager, St. John's Mercy Hospital; Christine Green, APRN, Trauma Program Manager, SSM Cardinal Glennon Children's Medical Center; Paul Guptill, CHE, Director of Environmental Services, Missouri Hospital Association; Pam Jackson, Truman Medical Center; Jerry Kirchoff, Program Director, Air Evac Lifeteam; Amy Knoernschild, RN, BSN, Trauma Nurse Coordinator, Lake Regional Health System; Ken Koch, CEO, St. Charles County Ambulance District; Andy Loehr, Director of Transport Critical Services, Children's Mercy Critical Care Transport; Deborah Markenson, DHSS; Kaisey Martin, DHSS; Mike Mazur, Air Methods/Life Net; Bryant McNally, Missouri Hospital Association; Ruby Mehrer; LifeFlight Eagle; Tony Mitchell, ED Trauma Director, Freeman Neosho Hospital; Jim Murray, Air Methods; Carol Nierling, University Hospital & Clinics; Timothy Norton, St. John's Mercy Hospital; Wally Patrick, Heartland Regional Medical Center; Michael Ross, Director, Freeman Ambulance Service; Douglas Schuerer, Trauma Medical Director, Barnes Jewish Hospital; Ted Shockley, Director of Trauma Services, St. John's Regional Hospital; Sam Vance, St. Louis Children's Hospital; Jason White; Sandy Woods, RN, ED/Trauma Manager, St. John's Regional Medical Center.

**Introduction of Dr. Rick Hunt, Director, Division of Injury Response from the CDC National Center for Injury Prevention and Control**

Presentation on the CDC 2006 Field Triage Decision Scheme: Purpose and Implications for Emergency Response and Trauma Care

- Review of the process for the development of the CDC 2006 Field Triage Decision Scheme
- The CDC has Continuing Education available for EMT-B/P, nurses and physicians, as well as injury data on their website.

Questions/Comments:

- Are states developing coordination of on-call teams?  
Dr. Hunt recognizes issues, but not aware of any at this time, he will take this back to the expert panel.
- There were concerns voiced regarding the Decision Scheme not mentioning ATV accidents on the guidelines.

Dr. Hunt will make note of this and take it back to the expert panel.

- There was discussion on the potential for changes being made to the CDC guidelines in the future.
- Dr. Hunt informed the group they were fortunate to have a panel of experts helping medical directors of EMS review 160 studies to help states and communities develop their field triage protocols.
- Dr. Hunt requested the group send data gathered on the proposed Missouri triage transport protocol if implemented to the expert panel of the CDC; once the expert panel has reviewed the data they may use this to make future changes to the Decision Scheme.
- There was discussion around the role of level I and II trauma centers and their capabilities.
- Will a copy of this presentation be available to the workgroup on the website?

Dr. Hunt said that he would update the presentation for that purpose and forward it.

### **Adult Trauma Triage Destination Protocol**

There was discussion regarding advantages/disadvantages of utilizing the Missouri version of the CDC/COT adult trauma field triage transport protocol as previously voted on by the Task Force versus utilizing the CDC 2006 field triage decision scheme without modification.

- Overall consensus of the trauma work group was to continue to utilize the CDC 2006 field triage scheme as a baseline to the Missouri version of the CDC/COT protocol and continue to include Missouri specific elements in the protocol.
- Changes were discussed and approved by the trauma workgroup team. The group reviewed the protocol step by step.
  - Concern over including isolated femur fractures was noted.
  - It was recommended to define prolonged loss of consciousness in the companion document.
  - Rollover was removed from Step Four.
  - The group chose to modify the transport language in Steps Two through Five and recommended that portions be moved to the companion document.

### **Helicopter Utilization Guidelines**

Ruby Meher, Chair of State Advisory Council Air Ambulance Subcommittee, presented the workgroup with Air Medical Transport Utilization Guidelines unanimously passed by the Air Ambulance Subcommittee in August, 2010. The trauma group voted to include the following four out of the five recommendations in the TCD helicopter utilization guidelines:

- a. The patient requires a high level of Advanced Life Support not available by ground transport.
- b. The patient has a significant potential to require a time-critical intervention and an air medical helicopter will deliver the patient to an appropriate facility faster than ground transport.
- c. The patient is located in a geographically isolated area which would make ground transport impossible or greatly delayed.
- d. Utilization of ground ambulance would leave the local community without adequate ambulance coverage.

There was also discussion regarding safety issues with flying for example, inclement weather. It was determined each individual air ambulance agency has policies in place to address such safety issues.

Recommendations to continue the helicopter utilization discussion were noted.

### **Regulation Update**

An update was given on the review process of the regulations. The pediatric regulations are currently under discussion. The level IV regulations have been drafted by the group. Following discussion of the pediatric regulations the group will discuss the current trauma regulations.

An updated schedule was distributed to the group.

### **Webinar Information**

**Pediatric Webinars are recorded and can be listened to in their entirety.**

**Dates:            July 21, 2010  
                      August 17, 2010  
                      September 9, 2010**