



NASEMSO Model EMS Clinical Guidelines Project

March 13, 2017

1:00 PM EDT

Work Group Meeting

Meeting Record

Attending – Carol Cunningham, Rick Alcorta, Matt Sholl, Chip Cooper, Mary Hedges, Jeff Jarvis, Julia Martin, Jim Suozzi, Susan McHenry, Alex Isakov, Peter Taillac, Brian Moore, Manish Shah, Joe Nelson, Lynn Wittwer, David Lehrfeld, Ken Williams, Allen Yee

Call to Order, Roll Call – Dr. Carol Cunningham called the meeting to order at 1:04 PM EDT.

Review February 13 Meeting Record – The meeting record was approved as submitted.

What is needed/missing – Kevin McGinnis was unable to join the call but submitted the updated status chart showing what was missing. Carol reviewed the topics that Kevin had cited as missing with the work group leaders to identify that gaps that were already filled. Peter reported that **Amputation** is covered under extremity trauma. Regarding **Exposure-Biologic/infectious agents**, Dr. Isakov indicated that the development of the ASPR resource is underway and should be distributed to NASEMSO anytime for comment; however, the final version is slated to be presented to the public health preparedness summit during the last week of April. Regarding **Hypertension** (cardiovascular), Jim Suozzi said he will look at Dr. Kamin's statement for inclusion. Regarding **Impaled Objects**, Peter did not recall that this new guideline was requested, but stated that he will add it to the "to do" list. Regarding **Tracheostomy/Laryngectomy**, Carol said she added it to the Universal Care Guideline to address this patient population when they do not have a respiratory complaint. Regarding **Human Trafficking**, no one recalled where it landed. Julia thought it may have fallen under Universal Care. Joe Nelson expressed concern about making Universal Care too large. Carol suggested adding it to the Abuse/Maltreatment guideline which is in the General Medical chapter. Joe Nelson suggested creating a patient safety/rescuer safety section. Carol said she will check with Kevin to see if human trafficking has already been incorporated into the updated Abuse/Maltreatment guideline.

Small Group Updates

Universal Care - Joe Nelson reported he sent the last draft to Kevin, including what Carol sent in track changes. He does not think the laryngectomy material was included. Carol will send the most updated version, which includes the tracheostomy/laryngectomy material, to Kevin and Joe. There was discussion about the 94% O₂ saturation which is meant to be a target only.

Cardiovascular – Jim Suozzi said that, in the Bradycardia guideline, he thinks there was an error, which they corrected, regarding push dose norepinephrine. They replaced it with push dose epinephrine. Alex Isakov asked if we are going to provide guidance on mixing norepinephrine as it is not provided in pre-mix IV bags. Carol suggested the more guidance we can provide, the better. Peter asked if we want a comprehensive formulary. Jeff Jarvis noted that there is not one way to mix a drip. Since there are multiple ways to mix to get the same dose, any dosing



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guidance provided may be best placed in a formulary. It was also noted that, since there are so many ways to mix, it may be better to leave it to local medical authority. It was decided to not include a dosing guidance and to allow local medical direction to determine how this action should be completed with their available resources and local hospital procedures.

General Medical – John Lyng had a conflict and was unable to join the call, but reported by email that all guidelines had been submitted.

Resuscitation – Allen Yee said they submitted an updated resuscitation section as well as a new guideline for end of life care.

Pediatric-Specific – Brian reported all the pediatric-specific guidelines have been submitted. Manish Shah said they are waiting to receive the drafts to review. Brian Moore added they had the pediatric reviewers ready to review beginning March 27.

OB/GYN (formerly GI/GU/Gyn) – Lynn Wittwer said they submitted everything to Kevin.

Respiratory – Doug Kupas was not on the call to report.

Trauma – Peter Taillac reported most of the guidelines in this section were done. Allen added the active shooter guideline. They added a crush injury guideline. Amputation was added to extremity trauma. An updated spine care guideline has not been submitted because they are awaiting a new draft position paper from ACEP and NAEMSP. Someone had recommended a traumatic arrest guideline but wondered if this should be added as a separate guideline. He thinks there is a short section on traumatic arrests in the cardiac arrest section of the Cardiovascular guideline, and wondered if there should be a separate one under trauma. Peter will review what is currently in the first edition of the Guideline document again. Brian commented that Mary Fallet was the lead on a pediatric traumatic arrest document which Peter said they had referenced. Peter reported that Mark Gestring, our ACS-COT representative, recently reviewed and submitted comments to Peter on the trauma guidelines. He will get those to Kevin.

Toxins – Rick Alcorta said everything has been submitted.

Environmental – Matt Sholl said they have submitted everything to Kevin.

Review Timeline:

February 15 – Guideline Authors submit guidelines to Small Group Lead

February 22 - Group Lead submits to Kevin

February 24 – Kevin submits guidelines to Chip (data review), Manish & Brian (pediatric review), Carol & Rich (pharm review)

March 3 – Data, Peds and Pharm reviewers submit reviewed guidelines to Kevin.

March 27 – Kevin (technical writer) completes 1st draft. **The pediatric group will begin reviewing.**

April 7 – Review of 1st draft is completed by Group Leads.

April 21 – Kevin completes 2nd draft of guidelines.

April 24 - Public comment period begins April 24th.

June 9 - Public comment period ends.

June 30 – Review of comments and redrafts completed

July 28 – Outside reviewers complete review. **Carol, Rich, Kevin and final editors will meet to make final edits.**

August 11 – Respond to outside editor review

August 25 – Kevin completes final

September 8 - Final Chair Review/ To NHTSA



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Other Concerns/Issues – Carol said she and Rich submitted a proposal to NAEMSP’s Call for Presentations to speak about the Model EMS Guidelines at the 2018 NAEMSP meeting. Peter Tailac said he gave a short presentation on the Guidelines during two sessions at EMS Today in February, and there was much interest. He inquired how many were aware of the Guidelines prior to his presentation and most were not aware.

Adjourn - The meeting adjourned at 1:55 PM EDT.

Next Meeting – April 10, 2017