



## HITS Committee Meeting

December 9, 2015

3:00 PM EST

### Meeting Record

**Attending:** Donnie Woodyard, Chair (LA), Mike Berg (VA), Gary Brown (VA), Frank Cheatham (VA), Dr. Carol Cunningham (OH), Andrew Fulton (DE), Dave Harden (AZ), Nancy Kelly-Goodstein (NJ), Carin Marter, Susan McHenry (NHTSA), Sue Morris (OH), Julie Rabeau (AK), Tim Seplaki (NJ), Veronica Seymor, Steve Tafoya (NV), Scott Winston (VA), Dia Gainor (NASEMSO), Mary Hedges (NASEMSO), Dr. Ashley Weaver (Guest Speaker)

**Welcome and Roll Call** – Chair Donnie Woodyard called the meeting to order at 3:02 PM EST. He asked those attending to introduce themselves.

**Review & Approval of October 13th Meeting Record** – The October Meeting record was approved without changes.

**Special Presentation: Occupant Transportation Decision Algorithm (OTDA)** – Ashley Weaver, PhD, Assistant Professor, Wake Forest University Medical School, presented an overview of the advanced automatic collision notification (AACN) algorithm known as the Occupant Transportation Decision Algorithm (OTDA) that she and her colleagues developed. The algorithm uses measurements obtainable from vehicle telemetry to predict risk of overall occupant injury and recommend a transportation decision for the occupant following a motor vehicle crash (MVC), particularly whether to transport to a Level I/II trauma center. They have been working on this algorithm for a couple of years to help EMS make better transport decisions. The algorithm used by OnStar and BMW is based on the AIS Score. They developed a system they believe has more accuracy and predictability. They are trying to reach the over-triage and under-triage rates recommended by the American College of Surgeons (ACS). After assessing the performance of this algorithm, they have found that algorithms used by Urgency (BMW) and OnStar (GM) have much higher under triage rates. They examined 12 years of NASS data and found there were 15% under triage and 60% over triage within the existing real-world data. They expect 8% under triage and 49% over triage with the OTDA. Implementing this algorithm would greatly improve patient transportation decisions. Her study is based on Level I and Level II Trauma Centers. Donnie asked what the next steps were. Dr. Weaver said they would like help from NASEMSO and EMS in general to move forward. Susan McHenry mentioned that NHTSA has a current project focusing on AACN education for Medical Directors. Dia Gainor asked Dr. Weaver if she has shared her findings with OnStar and BMW. Dr. Weaver said they have shared their findings with both and have presented at conferences. The risk threshold is 20% (set by the CDC) but they are finding that much lower risk threshold rates are more effective.

**CECBEMS Approval for TIM Training** - Donnie Woodyard reported he has been looking into CECBEMS (Continuing Education Coordinating Board for EMS) approval for Traffic Incident Management (TIM) training for EMS. He asked if folks felt this would be helpful. David Harden said it would be beneficial in promoting the training for EMS. CECBEMS would allow institutional approval (outside of the state approval) so that anyone applying for NREMT renewal would be allowed to use it toward renewal credit.

**Ad Hoc Committee on the Safe Transport of Children** – Susan McHenry reported that Dave Bryson, from NHTSA OEMS is serving on this committee. Also, NHTSA has accepted the NASEMSO request to address the issue as one of their projects and has developed Risk Control Innovations Program (RCIP). The RCIP will be determining if there is a suitable product for safely transporting children in a ground ambulance.

**NHTSA OEMS Update** – Susan McHenry reported they had very good meetings of NEMSAC and FICEMS last week and set their meeting dates for 2016. Their office is greatly relieved that Congress has now approved a long term transportation funding bill (5 years) after 36 continuing resolutions. They are now awaiting an overall appropriations bill for the federal government. NHTSA is preparing to publish a notice for the position of Director of NHTSA's Office of EMS, following the recent retirement of Drew Dawson. She reported that Drew is enjoying spending time with family members in Montana.

### **Project and Committee Updates**

TIM Training Update – Donnie shared the nationwide TIM training update from November. Dave Harden asked if the data will ever be able to separate fire from non fire EMS. Mary said that they are looking at sending an inquiry to state directors to verify if the numbers for EMS are accurate. Dave said Arizona had an intern working on a TIM project, which he will share with the group when completed. Donnie will be attending the TIM Executive Leadership Group meeting next week in Washington, DC.

### **Collaboration between State Highway Safety Officials and State EMS Officials**

Dave Harden reported that Arizona completed its Traffic Records Assessment last month. Their state's EMS injury surveillance data scored very highly.

Frank Cheatham said Virginia is in the process of updating its state highway safety plan and he is serving on the committee. He is working to ensure EMS is well-represented in the plan.

**Adjourn** – The meeting was adjourned at 4:09 PM EST. **The** next meeting will be February 10.

*The meeting record was respectfully prepared by NASEMSO Program Manager Mary Hedges.*