



Emergency Response - Post-Crash Care Emphasis Area/ *Comprehensive Highway Safety Plan*

December 20, 2023

Attendees:

Alyssa Johnson, Trauma System Manager, EMS & Trauma Systems, Dept. of Public Health & Human Services (DPHHS)- Co-chair
Carol Kussman, Trauma Coordinator, DPHHS
Hannah Yang, DPHHS EMS & Trauma Systems Epidemiologist
Kelly Little, Emergency Medical Services for Children Program Manager(EMSC), DPHHS
Janet Trethewey, EdD, EMT, Cardiac Ready Communities Program Manager, DPHHS
Pam Langve-Davis, CHSP Manager, Planning Division, Montana Department of Transportation (MDT)
Shari Graham, EMS Systems Manager, EMS & Trauma Systems, DPPHS-Co-chair
Spencer Harris, EMS Equipment Grant, State Highway Traffic Safety Section (SHTSS), MDT
Terry Mullins, EMS & Trauma Systems Supervisor, DPHHS

Meeting Purpose: Provide an update of strategies activities related to the Emergency Response – Post-Crash Care Emphasis Area strategies in reducing morbidity and mortality of Montana’s roadway users.

Following a brief overview of the data driven process in selecting emphasis areas Pam Langve-Davis provided an explanation of the Emergency Response – Post Crash Care. Following a quick introduction of participants, Pam walked through strategies requesting updates, revisions, updates, and necessary revisions of measurables. This exercise served as an opportunity to share and evaluate progress over the course of the year. In the coming year an email requesting strategy updates will be sent to members in advance to update the work plan and share with the Team. This will allow more time to discuss any efforts or emerging issues the group may be able to coordinate, collaborate, and communicate outcomes and share with stakeholders.

Strategy Updates

Strategy 1 - Access to the Emergency Response System; On-Scene Care Training & Education.

Emergency medical dispatch (EMD) is a service where trained 911 telecommunicators provide instructions for medical care to bystanders prior to EMS arrival.

S1.1: Support Emergency Medical Dispatch (EMD) training for all dispatch centers

Ongoing.

- Final numbers will be reported by Shari at the March meeting.

Continue to Watch: The development of the Enhanced 9-1-1 & FirstNet & Next Generation 911 access for first responders by DOA.

Michael Sullivan, FirstNet Solutions Consultant - Montana provided an update on 12/20/23,

“FirstNet Regional POC and AT&T leadership provided a (5) year program update to the Governor’s Office on October 24, 2023. Information shared that FirstNet far exceeded opt-in commitments for the State of Montana. Specifically, Band 14 coverage (First Responder dedicated spectrum) is 113% of non-rural plan complete and 333% of rural plan complete. Overall Band 14 coverage is 877 square miles of non-rural area and 99,304 square miles of rural area. Service along the border is solid and includes roaming on Canadian towers. Capacity during emergencies is alleviated since Band 14 spectrum is dedicated exclusively to First Responders and preempts all commercial traffic. In the event of an emergency in remote areas where service is not available, FirstNet provides satellite service on light truck (SatColt) for First Responders. Recent examples of such deployments include the railroad bridge collapse on the Yellowstone River in Stillwater County and wildfires throughout Northwestern Montana.”

Strategy 2 - Safe & Rapid Transport of Crash Victims and Training of Emergency Responders

S2.1: Support ongoing education and training of emergency care responders.

Education & training to include but not limited to Prehospital Trauma Life Support (PHTLS)- MDT Grant, EPIC (Excellence in Prehospital Injury Care-TBI), Psychological First Aid, Care for Children, etc. through continued annual grant funding.

- In FFY 2023, six (6) PHTLS courses were held.
- EPIC: Work is ongoing and continues to progress. Flathead Co. recently adopted and complete required training courses with 80 percent of responders trained in nine agencies. Training has slowed down as many have been trained.

- Six (6) Time Sensitive Illness & Injury (TSII) – six trainings were conducted in trainings in 2023. Training covers documents care of injury which includes motor vehicle crash injuries.

S2.2: Secure EMS equipment and training to properly restrain and care for children (EMS for Children). The mission is to strengthen the Montana Pediatric Readiness. Safe ambulance transport should be considered as a standard of care for the EMS system. Pediatric restraint use in ambulance training continues to be conducted around the state regarding correct attachment and use of restraint system to cots. ND saw what MT was doing and provided extra restraint systems w/ EMS agencies along the border. TSII training included pediatric trauma and the practice use of device.

- In FFY 2023 regional training for MT EMS Prehospital transportation agencies =15 Agencies/16 Trainings/127 Participants

S2.3 :Support and promote MDT Emergency Medical Equipment Grant Program

For FFY 2023: 7 grants awarded.

- Memorial Ambulance of Fort Benton- Type 1 AD 4x4 Ambulance with Power Load and Cot
 - Lincoln Volunteer Ambulance Incorporated- Two (2) Ferno Power Load and Cot w/ mounts
 - Fisher River Valley- Nine (9) Motorola APX 6000 and five (5) APX 6500 radios-
 - Smith Valley Fire District- Type 1 AD 4x4 Ambulance
 - Blaine County Ambulance Service- LifePak 15
 - Arlee Volunteer Fire Department- Type 1 AD 4x4 Ambulance
 - Toole County Ambulance- Ferno IN/X Power load cot and Rail System, LifePak 15

For FFY 2024: 11 grants awarded.

- Memorial Ambulance of Fort Benton: Mobile Ambulance Radio, Stryker Powered Stairchairs,
- Powder River County EMS: Lucas 3, Stryker Stair Chair Xpedition, Airway Trainer, IV Arm Trainer, IM Injection Trainer, Infant Intubation Head, Code Simulator, Infant IO Trainer, Life/form Cricothyrotomy Simulator, QUANTUM TRAINER SYSTEM, Quantum Warmers, Laredal ALS Mannequin, IRay RICO 640 MICRO, WALK Kit (RED), T2MCIM Kit, Replacement Thermal Lines x5, SonoStar UProbe C5PL Ultrasound Scanner.
- Roosevelt Medical Center: Type 1 AD 4x4 Ambulance.
- Community Ambulance Service of Western Sanders County, Inc:Type 1 AD 4x4 Ambulance
- Fort Ellis Fire and Rescue: Handheld 800MHz Radio's X16:
- Superior Area Ambulance Service: Sampson Straps x4:
- Fisher River Valley Fire/Rescue: Lifepak 15 Heart monitor/AED:
- Gateway Hose Company: Best Practice Medicine 2-Day Simulation Even:
- Hill County Ambulance:Type 1 AD 4x4 Ambulance:
- Glendive Ambulance Service: Stryker PowerPro 2:
- Troy Volunteer Ambulance: AMKUS Extrication tool set, Lifepak monitor.

S2.4: Support and promote Traffic Incident Management Systems (TIMS) Training

Provide FHWA-developed certified 4-hour Traffic Incident Management Responder Safety Training to all first responders in Montana. Successful TIMS program is dependent on commitment of, but not limited to MDT, MHP, and DPHHS and other safety partners to continue education, train the trainer courses, and confirmation of training site locations.

- Training Goal for 2023 is 70%. Goal successfully met.

Strategy 3: Hospital-Based Trauma Care

S3.1: Support ongoing education and training of the trauma team.

Education and training including but not limited to- Advanced Trauma Life Support (ATLS), Emergency Nurse Pediatric Course (ENPC) and Trauma Education Assessment Management (TEAM) course funded with MDT Grant, among others.

- FFY 2023: ATLS: 6 courses taught in 2023 with 105 students attending (Billings, Missoula, Great Falls, Helena).
- Trauma Education Assessment and Management (TEAM) Grant: 12 courses were held from October 1, 2022, to September 30, 2023. (6 occurred in the Eastern Region, 3 occurred in the Central Region and 3 occurred in the Western Region.) A total of 157 individuals were educated/trained on TEAM and learned more about the statewide, regional, and local trauma systems in their area. Included: MD/DOs, RNs, EMTs of all levels, Paramedics, nursing administration, APRNs/FNPs, PA-Cs, DES workers, Dispatchers, Assisted Living Facility administration, Billing/Coding, HIM and public health.
- Advanced Trauma Life Support (ATLS) Providers taking courses. Conducted 3 trainings with 3 more courses planned this year. Actively scheduling 2024 with 5 courses. Trauma Education Assessment Management (TEAM) 5 courses

have been scheduled through September 2023. Conducted courses in Libby & Shelby. Mobile SIM will be available in the coming fiscal year.

S3.2: Support and further trauma center designation for all Montana facilities that care for injured persons.

Increased number of voluntarily designated trauma centers across the state. Working on developing criteria for Trauma I hospitals. In process for developing criterion for Trauma I hospitals.

- Trauma centers: 43/65. 2 new centers designated in 2023: Big Sky & Glendive both received initial designations.

S3.3: Continue to support and promote the Rocky Mountain Rural Trauma Symposium (RMRTS)

An annual two-day conference offering trauma education for physicians, APCs, nurses and pre-hospital personnel.

- 2023 RMRTS held Sept. 21-22 in Billings. Approximately 365 attendees. 2024 RMRTS planning is underway for Missoula, Sept. 12-13, 2024.

Strategy 4- Integrate Crash, EMS, Trauma and Roadway Surveillance

S4.1: Continue to utilize and enhance ImageTrend data (EMS patient care records) to track road safety trends and to improve overall EMS system performance.

NEMSIS 3.5 update. Working close with Image Trend. Working on Runs forms and working on rules for it. Roll out anticipated to be end of July. Image Trend to provide education for providers. TSII training included scenario time sensitive illness include MV crashes. considerable time has been spent to accurately document data in Trauma System. Consultant continues to work w agencies to input data.

- The biggest accomplishment this year was successful submittal of NEMSIS 3.5 records.
- 2023 EMS records submitted = Total 141,012 Records in Biospatial submitted by 161 agencies during 2023 TD
- Number of data requests filled in 2023: 47 total requests filled through data request form (Plus additional unknown # not received through data request form).
- Number of data reports published: 3.

MVC 911 calls Data quality in 2023, to date-

- 45% had Location of Pt in vehicle documented.
- 39% had Occupant safety Equipment documented.
- 92% had scene location documented.
- 22% had scene GPS documented.
- 75% had total GCS documented.

S4.2: Utilize ESO/Digital Innovations (DI) data (Trauma Registry) to analyze hospital treatment of the patient and implement performance improvement using the data.

To analyze hospital treatment of the patient and develop and implement program-specific, regional & state-wide performance improvement indicators based on utilizing trauma registry data to drive change.

- Training continues Driller module and continued assistance & education to new trauma registrars.

Strategy 5- Provide Statewide Injury Prevention Education to Communities Through A Collaborative Effort

S5.1: Provide guidance, support, coordination, and technical assistance to local and regional injury prevention activities. Activities based on valid injury data & evaluation criteria to gauge effectiveness. Establish baseline for number of CHIPs with MVC prevention-focused strategies.

- Paused until SHIP is approved for the next 5 years.

S5.2: Align MDT Comprehensive Highway Safety Plan (CHSP) & DPHHS State Health Improvement Plan (SHIP) strategies. Annual review and scheduled progress updates of motor vehicle fatalities & serious injuries (severe) related to the focus areas unrestrained vehicle occupants & impaired driving emphasis area strategies to maintain consistency between the SHIP & the CHSP.

- 2023 Outreach events: Development of SHIP Update is in process. DPHHS; 4 transportation forums (MSLA, BLGS, Dillon, Poplar)
- Motor Vehicle injuries work group continues to meet. Health & Human Services networks are coordination with local communities on traffic education and outreach.

Strategy 6- Support Laws, Policy Development and Legislation

S6.1: Support activities surrounding policies and regulations that provide for emergency care access, EMS, facility designation and care standards.

- Trauma System Amendment of ARM 37.104.3001, 37.104.3012, 37.104.3020, and 37.104.3022 pertaining to trauma facility designation. On September 28, 2023, DPHHS held a to consider the proposed amendment of the above-stated rules. The department intends for these proposed rule amendments to be effective January 1, 2024. Filed at the Secretary of State's Office on 11/7 with a publish date of 11/17. All designation criteria, paperwork, reports, and Trauma System Plan have been updated.
- EMS Service Licensing -The Department of Public Health and Human Services performed a complete review, re-write of EMS Service Licensing rules over the past 18 months. The revised rules took effect on October 1, 2023.

S6.2: Support state law and enhance driver awareness of Montana's Mover Over Law, including tow operators and vehicles. Focus continues to focus on

- Sustain and support update of MCA & signage posted at state borders and on Interstate routes and other areas; identify and address incidents of injuries and deaths occurring within the area of traffic stops of LE, emergency responders, and the traveling public; and continues to promote and support public awareness campaigns: Move Over Montana FB, MDT web page & FB.
- Pam has reached out to the Montana Highway Patrol seeking a representative on the emphasis area to discuss efforts to promote awareness of the 2023 Legislation of Slow Down, Move Over and the importance of emergency responders in the work zone/crash site.

Announcements- Trainings- Conferences

- Rocky Mountain Rural Trauma Symposium (RMRTS), Sept 21 & 22, 2024, in Billings
- Tentative – Mark Your calendars- October 9-11, 2024, in Helena
- Next meeting - March 2024 – Tentative Agenda Topics: Dispatch Update- J. Tretheway

Adjourned at 10:37 a.m.