

NORTH DAKOTA



Emergency Medical
Services for Children



EMSC ADVISORY COMMITTEE FACE TO FACE MEETING MINUTES

SEPTEMBER 3, 2015 - 1:00 – 4:00 PM (CST)
North Dakota State Capitol – AV 212

In attendance:, Deb Hanson, (RN CCRN – Pediatric Trauma Program Coordinator Sanford Children’s Hospital), Rachael Bucholz (North Dakota Safety Council), Renae Sisk, RN (School Nurse – Maternal and Child Health - NDDoH), Nicole Brunelle (State Trauma Coordinator), Sarah Myers, RN (Child Care Health Consultant - Child Care Aware), LeAnn Kellar (Family Advocate, Wilton Ambulance), Carol Thurn (Highway Traffic Safety Administrator), Elizabeth Pihlaja (EMSC Coordinator), Tom Nehring (DEMST Director), Ruth Hursman (HPP Division Director), Lindsey Narloch (DEMST Research Analyst), and Jan Franklund (EMSC)

Jocelyn Hulbert, HRSA EMSC Project Officer for EMSC Grant in North Dakota
Yolanda Baker, HRSA

Review of June 2015 Meeting Minutes-

- Minutes from the June 4, 2015 meeting were approved with no changes

EMSC Advisory Committee Partner Update -

Deb Hanson, Sanford Fargo Pediatric Trauma Coordinator

- Sanford Health Fargo has the only Pediatric Level II Trauma Center in North Dakota

Deb presented a power point on Sanford Health’s pediatric trauma program

Topics included –

Child Injuries Are Preventable –

- Same injuries are what are hurting and injuring our kids year after year
- Number of children dying from injuries dropped 30% over the last decade

Need For Pediatric Trauma Centers -

- There are unique needs and special considerations of injured children
- Special equipment and specially trained people are needed
- It has been demonstrated that pediatric mortality is significantly improved in a pediatric trauma center

History of Verified Trauma Centers –

- The American College of Surgeons (ACS) is the national verifying body for trauma centers
- Most trauma centers aspire to be verified by the ACS in whatever level of care they are at
- ACS has lofty goals for improving trauma care and standardizing it across the country

Use of Protective Equipment Is Going Up -

- Seatbelt use for 2014 - 66% use
- Helmet use for ATV's - 42%

Pediatric Outreach

- Deb has five different power points she uses for outreach education
- Does education sessions on Hylenex, peds trauma assessment and resuscitation
- Meets with emergency department nurses in smaller facilities
- Speaks at EMS Conferences

Future of Pediatric Trauma Care In The State of North Dakota -

- Fargo adult program just recently went through verification again
- Pediatric program was verified June 2014 for the first time
- Spring of 2017 pediatrics is due for an ACS review
- Sanford Health Systems Fargo is working to have an Adult Level I review in combination with the Pediatric Level II before they move to their new hospital
- New hospital will be complete and operational the Fall of 2017

Case Review –

This is a case Deb uses for outreach education -

- This was a 16 year old male on his way to football practice at 7am, fell asleep at the wheel, was at highway speeds, hit a median and struck a tree head-on
- He was seat belted and air bags deployed
- He self-extricated and tried to stand up but because of his broken leg, he fell down
- An off-duty EMS provider witnessed the accident, stopped immediately and called 911
- Local EMS arrived – they felt there was such a potential of severe internal injury they initiated the helicopter
- EMS radioed ahead of a pediatric major trauma code so Sanford had a specialized team waiting for the helicopter to land
- Even though this patient had such a potential for mechanism – his femur fracture was his biggest injury
- He went to operating room and did fine
- Deb thought his name looked familiar so when she looked in the trauma registry she found he had been in the peds ICU six months prior with a snowboarding accident.
- He was snowboarding in a half pipe, crashed; no helmet, unconscious, flown to Sanford Health where he remained unconscious for two days
- The big thing for him was neuro psych follow-up

- Deb followed him out-patient, he ended up in neuro psych, he had to delay school, he was still having headaches, was having trouble concentrating, and no sports
- He had a good outcome and is doing fine

Injury Severity Scores-

- Every injury has a score associated with it
- Most patients fall within the 0-9 category which is the less injured, but we still need to be prepared for the most critically injured
- There were nine in the most critically injured category
- Of those nine, one did not survive; the other eight did well
- Successful in being able to keep them near their home with hospital stay and their pediatric rehab
- Sanford will help educate in pediatric rehab because it is very specialized

2014 Data Overview -

- The data is reflective of the patients that are in the trauma registry
- To be in the registry, they have to meet certain criteria that is determined by the different registries
- The information was collected from age 0-18

EMSC Program Update – Elizabeth

Pediatric Prepared Ambulance Program –

- This is a three year certification
- Program is voluntary and has no impact on licensure
- Total of 6 services have completed the program and are certified
- Currently the levels are basic
- We ask that the ambulance services have all the required equipment mentioned in the most recent joint statement between the American Academy of Pediatrics and the Emergency Nurses Association
- They need to verify that everyone on the squad has at least two hours of pediatric training
- The service is required to do at least one outreach event to kids or families in their community a year

Carryover Funding Request –

Elizabeth emailed a handout to the committee prior to today's meeting outlining what she requested funding for with Pediatric EMS training being the largest group

- Provide six Pediatric Advanced Emergency Assessment and Stabilization (PEARS) courses across the state
- Provide one Pediatric Education for Prehospital Professionals (PEPP) course for ALS providers
- Provide pediatric CPR, AED and First Aid Training – hoping to partner with the North Dakota Safety Council to provide low/no cost trainings to our base of Emergency Medical Responders in the community who can appropriately respond to pediatric emergencies

Supplies –

- Purchase children/adolescent educational supplies used for outreach during the summer for injury prevention and getting the word out about the EMSC program
- Purchase supplies for the Build Your Own First Aid Kit activity
- Purchase educational coloring books
- Update, print and distribute the Pediatric Resuscitation Posters
- Print additional When to Call 911 for a Child pamphlets
- Update and reprint the Pediatric Vital Signs Decals

Purchase one Broselow Flying Carpet and an outer shell –

- This will be to promote education on dosing errors and medication administration in EMS
- The Realities of Pediatric Medication Administration in EMS is a free online course for BLS and ALS providers, and can be taken now through the end of this year
- As part of this education, providers take a quiz before and after the course
- Providers can then send a copy of their certification to be put in a drawing to win the Broselow Flying Carpet to take back to their service

Pediatric Readiness Assistance Packet – (Deals with the Peds Ready Project/ Communication Cards and Training –

- EMSC will need to purchase the software and the license
- Three different sets of cards will be developed - one for hospitals and clinics, one for EMS providers, and one for families with special needs children/ children who speak English as a second language
- LeeAnn is writing a grant to cover the cost of the cards for the EMS providers. The grant will open in January

Peds Ready! Initiative and State Progress -
Review of gap analysis –

- A handout on gap analysis was sent to the committee prior to today's meeting
- Elizabeth felt there were hospitals who responded who may have underestimated themselves on their abilities, as well as, hospitals who may have overestimated their abilities on what they are able to provide - possibly the person who completed the survey was maybe not the correct individual to do so
- Discussion on reopening the portal to retake the survey

EMSC/ENA partnership –

- Nationally there are five EMSC/ENA partnership pilot projects going on
- The five states are Pennsylvania, Louisiana, Illinois, Colorado and Indiana

The mission of these pilot projects is to –

- Create champion teams for Peds Ready!
- To make sure people are aware of Peds Ready! and to get things moving
- Help the state's figure out what works in getting a team put together, how to form this team, and how to help them stay accountable for what they are supposed to be doing

State Snapshot Tool –

<https://tableau.utahdcc.org/t/nedarc/views/StateSnapShot2015HOME?%3Aembed=y>

- It is up and running

- Encourage you to take a look at this – it is very interesting and you can view information about our demographics
- Even though the data portion is all self-reported, the data can still be considered fairly reliable
- Managers will be using this data in a variety of ways

Pediatric Transport Restraint Project -

- Talked before with the ambulance program about possibly having another level such as
- do they have a restraint device for children in their ambulance
- This is a huge issue in that it is an injury we can prevent
- Elizabeth's goal is to obtain grant funding – it would be around \$300,000 to provide a restraint device for the ambulances in the state
- This device will strap to the stretcher and stores very easily
- Elizabeth still has research to do on choosing which one she would order and will speak with others who have implemented this in their states

Meetings & Conferences Update -

- Injury Prevention Coalition Meeting, September 8, 2015 (Bismarck/BTWAN)
- State Trauma Conference, September 9-10, 2015 (Bismarck)
- HPP All Region Hospital Meeting, September 15, 2015 (Bismarck/BTWAN)
- NEDARC infographics training (Elizabeth), September 23-25, 2014 (Dallas, TX)
- SW Regional EMS Conference, September 25-27, 2015 (Medora)
- NW Regional Trauma Meeting, October 8, 2015 (Bismarck/BTWAN)
- National Association of State EMS Officials Annual Meeting, October 12-16, 2015 (Louisville, KY)
- SW Regional Trauma Meeting, October 14, 2015 (Bismarck/BTWAN)
- ND Suicide Prevention Coalition Meeting, October 15, 2015 (Bismarck)
- Sanford Fargo Pediatric Conference, October 16, 2015 (Fargo)
- NE/SE Regional Trauma Meeting, October 20, 2015 (Bismarck/BTWAN)
- EMSAC Meeting, October 22, 2015 (Bismarck/teleconference)

Committee Member Updates –

Rachael Buchholz–

- North Dakota Safety Council is sponsoring a free training geared for all first responders at the Southwest Regional EMS Conference on Saturday, September 26, 2015 in Medora. This training is sponsored by the Hess Corporation and is oil and gas related for the western part of the state

Pediatric CPR First Aid Course - October 24, 2015 –

- Available only in Bismarck and cost for the course is \$85
- Elizabeth can help with the cost by providing low cost or no cost to assist in getting these classes out in the community
- Looking for partners to help sponsor a course on the eastern part of the state
- If you are interested or know someone who would be interested, please contact Rachael at the North Dakota Safety Council

Ruth Hursman –

- The Healthcare Preparedness Conference was held last week and was well attended.

- Had two pediatric speakers – one talking on pediatric disasters and one talking on pediatric planning for emergency situations

Deb Hanson –

- No additional update

Lindsey Narloch –

- Finishing up the trauma data report for the State Trauma Conference next week

Nicole Brunelle –

- State Trauma Conference next week
- Deb will be there doing her presentation on the Twelve Pediatric Traumas in Twelve Months
- Dr. Engum will present on Pediatric Emergencies and Dr. Ranum will be presenting on Pediatric CT scans

Carol Thurn –

- Held a Ford Driving Skills for Life Event for ND teens, June 20, 2015 in Dickinson
- The Ford Motor Company came to North Dakota this year for their Driving Skill for Life Event. This event was held in Fargo on July 7-8 with 240 teens in attendance
- Child Passenger Safety Conference was held August 18-19, 2015
- Occupant Protection Program Management Training August 26-28, 2015. This is a national training that DOT brought to North Dakota
- Child Passenger National Safety Week is September 13-19, 2015. During this time there will be a large number of car seat checkups going on across the state
- Putting out a proposal for school resource officers for the SADD Chapter for students/schools to apply for a mini grants to do traffic safety projects
- Starting a Motorcycle Advisory Committee – if anyone here is into motorcycles and interested in being on the advisory committee, please contact Carol
- Distracted Driving Month is in September. There will be high visibility enforcement and media campaigns across the state
- Just finished the statewide seatbelt survey. We are at 80.4 percent, a drop from last year when it was 81 percent – waiting for the rural seatbelt survey numbers to come in
- Going to be doing a child passenger safety fitting station service needs assessment this next fiscal year to see where the gaps are across the state
- Working on producing radio and print ads on proper child restraint use for children on the reservation

Sarah Myers–

- Sarah is now covering all of Eastern North Dakota
- Child Care Aware is now under the umbrella of Lutheran Social Services
- Sarah is also a member of Safe Kids in both Grand Forks and Fargo
- Is assisting Carma Hanson of Safe Kids Grand Forks with home safety trainings. These trainings are twice a year
- Next home safety training will be September 24, 2015 and will be a full day

Next meeting – December 3, 2015 – 1:00 pm - Teleconference

Meeting adjourned