Minnesota TZD Conference

October 29-30, 2015
St. Cloud, Minnesota
www.minnesotatzd.org
SAVED BY A CAR SEAT
NUMBER ONE KILLER

MOTOR VEHICLE CRASHES
When I Grow Up
pregnant

not pregnant

I’m going to be a big brother!
ALL CAR SEATS ARE NOT THE SAME
My kids aren't minimums
We ride to the max

Proud supporter of extended rear-facing
and extended harnessing
CHILD SAFETY SEAT CHECK
DENIAL

MOTOR VEHICLE CRASHES
CANCER
CHILD ABUSE
AT THE SCENE
Introduction

• May 23\textsuperscript{rd} 2014- 11:07 am
  – Dispatch received for a truck vs. car-unknown injuries
  – St Croix County Sheriff’s Department (Sergeants Jeff Kennett and James Sander and Patrol Deputy Koenig), 3 ALS Ambulances and a quick response medic from Baldwin, United Fire and Rescue (3 Stations), Baldwin Police and the Wisconsin State Patrol were dispatched.
Location of the Scene
Updated Dispatch Information

- Additional 911 calls received
  - Updated call received to 911: Truck with a cattle trailer vs. vehicle - one entrapped
  - 11:13am- 3 patients identified including; a head injury, an 8 month old “sleeping” and a small boy with a cut.
  - Life Link III requested - ETA un-determined. Helicopter launching from Rice Lake, WI
  - 1st deputy arrived in the area at 11:12 am
  - 5 minutes later 1st ambulance arrived
Truck with Cattle Hauler
Victim Vehicle
Scene Updates

• Fire and Rescue first engine arrived at 11:16 am and began extrication of Bethany and her son.

• Sgt. Kennett locates Emma Jean, a 1 year old child out of the vehicle. She has been removed by a passerby from her vehicle in her car seat.
Extrication Continues
The Scene
The Scene
Cattle Hauler and Truck
The Scene - Truck
The Scene
The Scene
Emma Jean’s Initial Assessment

• After being found out of the vehicle, Sgt. Kennett maintained her airway due to obvious trouble breathing, and then carried her to the 1st arriving ambulance (Critical Care 5603) in her damaged car seat.
Findings and Quick Action

- Abrasions noted on the right side of her head and shoulders.
- Unresponsive - however, does occasionally open her eyes.
- Irregular breathing, with grunting noted.
- Lung sounds equal- skin is cyanotic (pale/blue).
Findings and Action

• Pupils are both sluggish, EKG shows a heart rate in the 150s-170s. 2nd critical care medic arrived to assist.

• Car seat is in unacceptable condition - subsequently a rapid decision was made to place her on a pediatric long board.
More Findings and Actions

- Decerebrate posturing noted in both hands.
- Intraosseous access obtained in her right leg. RSI medications administered with a desired effect.
- Intubation successful with a 4.0 uncuffed ET tube.
Transport Decision

- Helicopter cancelled.
- Transport to Regions Hospital, with the continued care of Critical Care Paramedics Posner and Wittmer, and Sgt. Kennett.
- Patient meets Peds TTA Criteria, team activated with at least a 20 min. notice.
Transport

- Total transport time - 40 Minutes.
- Time from 911 call to Regions ED - 65 minutes.
- Patient remained chemically paralyzed with no significant changes in vital signs (BVM used - no vent available).
Summary

• Time was critical- road conditions were good, Law Enforcement and EMS were in the area prior to the call.

• Quick recognition and interventions.

• Followed the WI Trauma Guidelines and transported directly to a Level I Pediatric Trauma Center.
At the Hospital........
Hospital Course

- Admitted to PICU
- Repeat head CT showed progression of injury
- EVD inserted hospital day 2
- Started to develop seizures on day 5 with elevated ICP, ultimately required pentobarbital
Hospital Course

- Seizures fully controlled after 3 days
- Improving, weaned from vent at 2 weeks
- Transferred to Rehab after 26 days
Closing comments.......
2015 Car Seat Clinics

Regions Hospital is offering child and booster seat safety clinics. Certified car seat technicians from Regions Hospital will teach you how to install and use child car restraints correctly. There is no charge for this clinic.

Regions Hospital South Ramp from 4 p.m. – 7 p.m.
January 8
February 12
April 9
May 7
June 11
July 9
August 6
September 10
October 8
December 10

Fire Department locations from 4 p.m. – 7 p.m.
January 20 – Cottage Grove Fire
February 24 – Maplewood Fire
March 12 – St Paul Fire
March 24 – Hastings Fire
April 21 – Forest Lake Fire
April 23 – Bloomington Fire
May 19 – Madison Fire
June 23 – Vadnais Heights Fire
July 21 – St Paul Fire
August 18 – White Bear Lake Fire
September 22 – Stillwater Fire
October 22 – Cottage Grove Fire
November 5 – St Paul Fire
November 19 – Cottage Grove Fire

The car seat program is a gift from HealthPartners employees.

To make an appointment, call Regions Child Passenger Safety at 651-777-7900 or e-mail: curriculums@healthpartners.com.
THANK YOU!