

SESSION DESCRIPTIONS

FRIDAY - APRIL 5, 2024

7:15-7:45AM BONUS SESSION

Hygiene-Vaccinations- 0.5 NCCR Hygiene-Vaccinations

Presenter: Corey Johnson Room- 103

This presentation will identify proper hand washing technique, appropriate use of alcohol-based hand cleaner, and discuss the CDC's recommendations of vaccines for healthcare providers.

8:00AM - 9:00AM CONCURRENT SESSIONS

There Will be Blood- 1 NCCR Hemorrhage Control

Presenter: Tim Redding- Hall A

We will review hemorrhage, shock and the assessment and management of a patient bleeding. We will then review current and future trends available for hemorrhage control.

Rural EMS Counts- 1 LCCR

Presenters: Lindsey Narloch & Marcy Dawson- Room 101

How are we doing in North Dakota EMS? How do we compare with the nation on the care we provide? Use the North Dakota EMS Index to answer those questions. Learn the resources available through the project along with the Model for Improvement.

Keeping Your Head Above Water When Your Patient Has Drowned- 1 LCCR

Presenter: David Brenner- Room 102

Good care of the victim of drowning requires the most up-to-date information in an area where even the definitions have changed. Alterations in typical interventions may be needed. Further, the patient needs to go the right hospital. The latest guidelines on treating victims of drowning will be reviewed. As well, you will be provided the insight of a very experienced ocean lifeguard who has managed the scene of hundreds of drowning episodes.

The WHY Behind the Patient, the Monitor, and your Paramedic Partner Scrambling - 1 LCCR

Presenter Andrea Zickmund- Room 103

This class is designed for the EMT to gain a better understanding of what cardiac rhythms make their ALS partner start to scramble on a call, and the why behind it. It will review basic critical rhythms and what they do to the body and why.

Trauma Activation Guidelines - 1 NCCR Trauma Triage

Presenter: Mary Waldo- Room 105

Has your service updated your trauma activation protocols to include the newest guidelines? What is required in the ND Administrative Rules? How comfortable are you using the newest Trauma Activation Guidelines? Discuss this, and more!

9:30AM-10:30AM CONCURRENT SESSIONS

Case Study: Neonatal Resuscitation-1 NCCR Pediatric Cardiac Arrest

Presenter: Sahaj Kalsa- Hall A

An interactive discussion based on a real neonatal resuscitation call, encouraging students to share their treatment plans, priorities, communication with parents and neonatal physiology. The discussion will also cover med/legal issues, ethics and neonatal resuscitation research. Appropriate for all levels of prehospital provider.

My Short Transport Times are an Hour- 1 LCCR

Presenter: Latimer Hoke- Room 101

Before I moved to Northwestern Montana, I thought Northwestern Vermont was rural. I now know differently and have a few stories and lessons to share that are actually quite reassuring about the resilience of the human body. The variety of experiences on the "frontier" are also fascinating and helpfully applicable to EMS providers everywhere: regular helicopter intercepts, dead body transports for the county coroner, evidentiary blood draws for law enforcement, horses, dirt bikes, guns, TASERs, volunteerism, hospital choice, avalanches, international border crossings, sports medicine, record setting driveway lengths, deer-slam, 80mph speed limits, and more. These experiences offer lessons that everyone can incorporate into their EMS responses, interactions, and management practices.

Low Cost, No Cost Tech for the EMS Educator- Educator CEU

Presenter: Bill Young- Room 102

We live in an age that requires the use of technology for the effective delivery of educational components. At the same time, there has been no other time in which resources have been so limited towards the acquisition of these components. This presentation will examine and identify those resources that educators can find and use at little or no cost.

Crash Test Dummies and Football Players - 1 NCCR CNS Injury

Presenter: Andrea Zickmund- Room 103

Sports injuries are a regular occurrence in EMS, but with the increase of sport-related concussions and the lifelong impact concussions can have and sudden cardiac arrest of healthy athletes on the field, it's imperative to be aware of how to treat these life and death injuries.

When Pharmacology becomes Toxicology- 1 NCCR Toxicological Emergencies

Presenter: Mary Waldo- Room 105

Medicine cabinets are loaded with both over-the-counter and prescription drugs that have serious complications when taken in large quantities. Let's discuss drugs associated with accidental and intentional overdose.

10:45AM-12:00PM GENERAL SESSION

Caring for Special People: Unique Situations in EMS- 1 NCCR Special Healthcare Needs

Presenter: Janet Taylor- Hall A

Fortunately for most patients with special needs, they and their caregivers are very knowledgeable on how to care for their special need(s). Unfortunately, it is when they have tried everything that they were taught, and it still doesn't work that they call 9-1-1. It can be daunting to walk in and find a patient with equipment you aren't familiar with or have a condition that you may or may not have learned about in paramedic or nursing school. We will go over the most common situations that instill fear in those who respond to a patient with a special need. We will go over and handle actual tracheostomy equipment, feeding tubes, Cerebral/Ventral Shunts, dialysis catheters, central lines and review the most common reasons for calling 9-1-1 in each of the special needs' situation.

1:00PM-2:00PM CONCURRENT SESSIONS

"Sort them Out": S-A-L-T Triage in an MCI - 1 NCCR Field Triage

Presenter: Janet Taylor Hall A

In 2011, SALT triage became a nationally recognized system for sorting through an event with multiple victims and limited resources. We will go over the "sorting" process and why it works so well. At the end of the session, we will put this process to the test and practice the SALT triage system in the classroom.

How Much is Too Much? Fluid Volume Resus in the Trauma Patient- 1 NCCR Fluid Resuscitation

Presenter: Mary Waldo- Room 101

Do trauma patients always require fluid administration? When indicated, how much fluid is appropriate? We now know that the administration of large volume isotonic crystalloid administration is outdated practice and usually harmful to the injured patient. In this session, we will consider indications for fluid administration, evaluate the effects of large volume fluid administration, and discuss current evidence-based practice and emerging trends.

I Wish I'd Learned it that Way the First Time!- 1 LCCR

Presenter: Latimer Hoke- Room 102

Even a decade-and-a-half into my EMS career, I'm still picking up new tricks that make me say, "I wish I'd learned it that way the first time!" For some examples, eight years in, I learned to make a "SAMmock splint." Nine years in, I learned intravenous magic tricks from a phlebotomy instructor. Ten years in, I learned a neat trick that enables even people with tiny hands to use a bag-valve mask solo. Fourteen years in, I learned to count DOWN to zero with painful procedures, so that the patient knows when the pain should end. In this quick hands-on session, I will pass these tricks – and more – along to you. Once I learn a new trick, that "trick" becomes "normal" for all of my future students. Let's pass these along!

When Things Get Hot- Heat Stroke- 1 LCCR

Presenter: David Brenner- Room 103

Heat stroke is a deadly condition brought on by hyperthermia. Prompt recognition and the right actions can make a huge difference in the outcome. This lecture includes case presentations, pathophysiology, epidemiology, assessment, and treatment strategies. The continuum of care will be looked at, as well. Strategies for prevention for the public and those in emergency services will be discussed.

Seizures 101: What's New? - 1 NCCR Neurological/ Seizures

Presenter: Tim Redding- Room 105

Descriptions: Do you know what kind of seizure your patient is having? How do you describe it to the ER staff? This class will discuss new changes to seizure terminology. We will use videos and discussion to clarify types of seizures and at-home treatments EMS providers may see.

2:30PM – 3:30PM CONCURRENT SESSIONS

All Jacked Up! : Endocrine Emergencies- 1 NCCR Endocrine

Presenter: Janet Taylor Hall A

We see endocrine emergencies more often than we realize, not counting Diabetic Emergencies.

From Myxedema Coma and Thyroid Storm to Adrenal Crisis, we learn the different presentations of each emergency and the treatments for each.

Educating Culturally Aware EMS Providers- Educator Topic- 1 Educator CEUs

Presenter: Sahaj Khalsa- Room 101

The demographics of the United States are changing, with our population becoming more diverse by the day. Meanwhile, the demographics of our profession have remained largely unchanged for years, and we don't represent the communities we serve. This presentation will discuss the impacts of this reality, and the role of EMS educators in changing it. We will discuss best practices in educating our students to be more culturally aware and providing equitable care to all they care for. We will also discuss how we can examine program policies to address any disparities they may inadvertently cause.