

**2007 State EMS Symposium
Final Program
November 7 – 10, 2007
Anchorage, AK**

(BLS/ALS, Instructor, Management, Injury Prevention and Clinical Tracks)

**** Please note the location of The Fungus That Are Among Us is not at the Egan Center**

Wednesday and Thursday November 7 & 8, 2007

8:00 am – 5:00 pm

Advanced Pediatric Life Support, Provider Course (APLS) (Clinical and Pre-hospital Track)

BJ Coopes, MD

Advanced Pediatric Life Support, a continuing medical education program developed by the American Academy of Pediatrics and the American College of Emergency Physicians, is an exciting curriculum designed to present the information care providers need to assess and care for critically ill and injured children during the first few hours/days in the emergency department, office or clinic setting.

This course is a step beyond PALS. We will discuss the evaluation, expected course and treatment required to stabilize children with common critical illnesses such as poisonings, brain injury, child abuse, cardiorespiratory failure, etc. This is especially important in Alaska where transport times and bad weather combine to make expeditious travel to tertiary care impossible.

REQUIREMENT: PALS certification as the course will not be reviewing this and the knowledge will be needed to understand the rest of the course.

Objectives:

- Demonstrate appropriate pediatric evaluative skills
- Describe the course of critical pediatric illnesses and stabilization until tertiary care is available
- Identify contacts to aid in triage and stabilization of pediatric patients

Alaska Air Medical Escort Course (BLS/ALS Track)

David Potashnick

Barrow, AK

This two-day course was initially developed in the 80s in response to the need to transport patients by air from rural areas to the larger hospitals. The course is designed to train all levels of health care providers to prepare patients for transport by air and care for the patients during the flight. The course was updated in 2004 and 2006 the new manual to accompany the course was printed.

Objectives:

- Discuss physiology of altitude.
- Describe patient management in the air medical setting.
- Recognize and anticipate problems common in the air medical setting.
- Describe dispatching issues.
- Identify air medical and legal considerations when transferring and receiving patients.

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Wednesday November 7, 2007

8:00 am – 5:00 pm

Promoting a Coordinated Response to Intimate Partner Violence for Adult Victims and Children in the Emergency Care Setting (BLS/ALS Track)

Linda Chamberlain

Homer, AK

First responders and health care providers in the urgent care setting are in a unique position to recognize and respond to intimate partner violence. The morning session will focus on adult victimization by an intimate partner. The latest data on intimate partner violence and dating violence in Alaska will be used to initiate a dialogue on the implications for emergency care providers. Patterns of injuries, non-traumatic health problems, and behavioral indicators will be discussed to facilitate recognition of the more subtle indicators of abuse. Recent research on assessment and intervention for intimate partner violence with particular emphasis on the emergency care setting will be presented along with case scenarios. Skill development will focus on assessment strategies, lethality assessment, and evidence-based interventions. The last 45 minutes will be an open dialogue for questions, answers, and problem-solving.

The afternoon session focuses on how exposure to intimate partner violence affects children. The connection between intimate partner violence, child abuse, and animal abuse will be examined. A brief overview of the neurobiology will be provided to demonstrate the impact of adverse childhood experiences on brain development and the neurobiological pathway to disease. Case scenarios will be used to describe many of the common physical, mental, behavioral, and cognitive effects of childhood exposure to violence including indicators of post traumatic stress disorder. Strategies for emergency care providers including assessment techniques and guidelines for working with children exposed to violence will be discussed. The final hour of this session will be open dialogue for questions, answers, and problem-solving.

Objectives:

- Describe current patterns in adult and adolescent victimization by an intimate or dating partner
- List three common health consequences of victimization for adults
- Identify two recent trends in screening for intimate partner violence
- Discuss two evidence-based intervention strategies for intimate partner violence
- Identify two connections between different forms of family violence
- Describe three physical and/or mental health problems associated with childhood exposure to violence
- Describe two strategies for conducting assessment with children exposed to violence
- Identify two guidelines for working with children exposed to violence

Thursday November 8, 2007

8:00 am – 5:00 pm

Get in the Game (Injury Prevention Track)

Daniel Larson, DC

Wasilla, AK

EMS providers are often asked to attend sporting events to aid in the assessment and treatment of sport-related injuries. Coaches and their assistants are involved in the every day conditioning and training of athletes. What role can EMS providers and coaching staff play in preventing injuries to athletes? What

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processes are involved to assess when a player can return to the game, especially when an injury to the head is sustained? This presentation is designed for those who are the first responders during sporting events to assist them in preventing injury and reducing the effects of a sports-related injury.

Objectives:

- Explain the role of conditioning, training, and use of athletic gear in reducing sports-related injury.
- Describe the process used to assess injury during the game and when an athlete is able to return to the competition.
- Define the management of concussions in sports.
- Describe how to safely transfer patients on a back board
- Describe how to immobilize extremity injuries – taping, bracing, casting
- Define the role of the EMS provider or coaching staff in reducing sports-related injuries.

8:00 am – 12:00 pm

Reading the Wave (BLS/ALS Track)

Fidel Garcia, EMT-P
Grand Junction, CO

Rhythm interpretation can be difficult. This class will make it easy as “P-Q-R-S- T.” We will review A & P of the heart, and then “we will get our groove on and dance to the rhythms.” Finally we will develop treatment plans for our patients.

Objectives:

- Identify a wide variety of rhythms
- Discuss cardiac anatomy and physiology
- Develop a treatment plan for rhythms that cause patient compromise

The Fungus that Are Among Us (BLS/ALS Track)

Bernd Jilly, PhD
Anchorage, AK

This session is at the Alaska Public Health Laboratory at 4500 Boniface PKWY (Tudor and Boniface)

This 3.0 hour course will be a lecture and "hands on" overview of common and not so common fungi that cause disease in humans. The program will cover yeasts, such as *Candida* and *Cryptococcus* and moulds causing cutaneous diseases (dermatophytes), soft tissue diseases (*Madura* foot, actinomycosis and eumycosis) and invasive disease (fungus ball, aspergillosis). Clinical, pathological and microbiological aspects of these diseases will be discussed. The program will be held at the State Public Health Laboratory.

Objectives:

- Recall key identifying characteristics of at least one example or pathogenic yeast or mold.
- Discuss the clinical signs and symptoms of diseases caused by the organisms in #1 above.
- Recall key identifying characteristics of *Candida* and *Cryptococcus*

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- List the important clinical findings in at least one invasive disease
- List 5 common molds and the diseases they cause

The “How To” and “Why Not” of EMS Management (Management Track)

Mike Motti, EMT-III
Kathryn Winslow
Sitka, AK

Participants will be part of a discussion on the history of EMS in the United States, and Alaska in order to assist them in planning for the future. This course builds on the EMS Management 101 online course provided by University of Alaska Southeast. However, taking the course is NOT a prerequisite for this symposium session.

Objectives:

- Discuss the history of modern EMS and state two reasons why it is important to know the history of EMS.
- Analyze the current status of their squad and implement
- Discuss how the knowledge of history and the present can be used to craft goals, objectives and mission statements for the future.
- Describe how to provide team building through common histories, identity, and goal setting.

Thursday, November 8, 2007

1:30 pm – 5:00 pm

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Noggin Injury (BLS/ALS Track)

Bill MacKreth, MICP

Wasilla, AK

Ever hear a dispatch for an accident victim “with a severe head injury” and arrive to find an awake, standing patient with a bloody scalp laceration? To the caller that was a head injury. In EMS we think of brain trauma when we think of head injury, because it is usually the most serious consequence of an impact to the head. This presentation will briefly review several other types of injury above the neck before focusing on traumatic brain injury. Pathophysiology of brain trauma will be discussed, and assessment techniques practiced. Controversies in brain injury management will be examined. Most importantly EMS interventions recommended by the Brain Trauma Foundation and other authorities will be highlighted.

Objectives:

- Discuss the pathophysiology of brain injury and relate it to the recommended treatment of brain injured patients.
- Given a patient scenario and assessment findings, describe the most appropriate field treatment for a patient with trauma involving the brain.
- Demonstrate the accurate assessment of a patient’s level of consciousness using the Glasgow Coma Score.

Pre-hospital Stroke Care – A Changing Landscape (BLS/ALS Track)

David Tirschwell, MD

Seattle, WA

Janeen Bean

Anchorage, AK

This session will provide the emergency room physician, nurse practitioner, and physician’s assistant an overview of stroke treatment and triage in a facility without CT or IV t-PA.

Objectives:

- Describe the treatment for stroke patients in the clinic settings without CT scanner and IV t-PA
- Apply triage protocols to a variety of stroke/TIA case scenarios
- Risk stratify patients based on examination and diagnostic findings in case scenarios
- Discuss inpatient treatment for stroke patient based on evidence based treatment guidelines

Recruitment and Retention of Volunteers (Management Track)

Dennis Mitterer

Volunteering in EMS is a problem, and not just in Alaska. Dennis Mitterer has over 25 years of experience in EMS and will provide a session to help EMS manager recruit and retain volunteers.

Objectives:

- Analyze and identify why people volunteer
- Describe how managing volunteers is more than being the “chief”

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- Review why people stop volunteering
- Discuss why retention is the way to go
- Discuss how to make volunteering fun

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Friday, November 9, 2007

10:30 am – 12:00 pm

General Session

EMS – The Next Steps

Mike Taigman

Santa Barbara, CA

Thirty years ago EMS was cutting edge. We broke new ground proving to skeptical physicians that paramedics could perform life saving procedures. We showed the world that clinically dead people could be re-animated and live a longer life. We created equipment and training to take care of motor vehicle crash victims. That's old new; today EMS is fat and lazy. It's time to start a new revolution in EMS.

Objectives:

- Describe how EMS can support people in the community who have chronic disease.
- Discuss the dynamics of diabetes in America.
- Identify asthma attack triggers and how to rid a home of the triggers.
- Identify when a CHF patient is heading for an exacerbation

Friday, November 9, 2007

1:30 pm – 3:00 pm

Internet Crimes Against Children (BLS/ALS Track)

Kevin Laws

Anchorage, AK

This presentation is blunt and to the point about internet crimes against children. Kevin takes parts of the presentation directly from active chat rooms and the language has not been edited for content. Specifically, he will present on Yahoo chat, Internet Relay Chat (IRC) and internet safety in general.

Objectives:

- Describe the role and pertinent questions that EMS providers can ask to determine if a child has been exploited over the internet
- List some of the inherent dangers of chat rooms
- Discuss how to further educate peers about some of the dangers of the Internet, chat rooms, and to ask additional questions of victims and or the reporting parties

Meth Awareness (BLS/ALS/Injury Prevention Track)

Rita Huss, RN

Eva Petraeus-Blurton, RN

Methamphetamine is one of the vilest drugs that have transpired in our lifetime. Education is the key to prevention and cost containment for multiple social and financial issues that surround this drug. This presentation will cover a number of these issues including short and long term affects, health and safety issues associated with meth manufacturing and its use.

Objectives:

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- Describe Methamphetamine use, community prevalence, community effects
- Discuss clinical presentation, safety risks, personal and community risks, and clinical presentation of the patient on meth
- Describe the risks for children involved in methamphetamine labs
- Discuss safety risks for EMS/FIRE personnel

Every Day Terrorism (BLS/ALS Track)

Mike Taigman
Santa Barbara, CA

Chances are your organization has provided WMD classes, gearing up for possible terror attacks. Chances are you've learned about setting up triage and treatment areas with colored tarps. You may be surprised to learn that the people who handle terrorist attacks on a regular basis, don't do any of that stuff. What really works when a suicide bomber detonates in a crowded market? The EMS folks in Israel have handled over 1100 attacks in the last three years. We have a lot to learn from their approach to EMS. On the other side of the Middle East conflict the Palestinian EMS organizations deal with conditions unimaginable to most Americans. The realities of providing EMS under occupation, with settlements, arrests, and attacks on medical personnel will change forever the way you look at the evening news. Join Mike for an up close and personal look at EMS on both sides.

Objectives:

- Discuss the Israeli approach to managing bombing situations
- Describe the Palestinian approach to MCIs under military incursion
- Examine the dynamics of Critical Incident Stress Disorder (CISD) in a place with lots of opportunities to practice

Initial Management of Orthopedic Trauma (BLS/ALS Track)

Mark Tuttle, MD
Anchorage, AK

Not all orthopedic injuries are traumatic emergencies. This session will assist the pre-hospital provider in recognizing when an orthopedic injury is an emergency and the initial management and stabilization.

Objectives:

- Identify orthopedic emergencies
- Discuss the prophylaxis of the complications of musculoskeletal injuries
- Identify the priorities for initial management, triage, and initial stabilization of skeletal injuries in the multiply injured patient

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Anatomy of a Lawsuit (Management Track)

Lisa Hamby, Esq.
Fairbanks, AK

In today's litigious society it's important to know what will get you sued, what laws will protect you, and what to do if you get sued. This presentation will give a brief overview of what types of situations lead to lawsuits against emergency medical personnel, what laws offer protection to emergency medical personnel, and the limits of those laws. This presentation will also cover the basics of a lawsuit from getting served with a complaint, to finding an attorney, to surviving a deposition, to making it through a trial.

Objectives:

- Identify situations that will get you sued
- Discuss the laws that grant immunity to emergency medical personnel and the limitations of that immunity
- Identify what to do, where to go, and who to talk to when you get sued

The Power of Humor (Instructor Track)

Fidel Garcia, EMT-P
Grand Junction, CO

How do you improve a student's ability to learn? Remember the last time you really enjoyed taking a class! Do you recall what it was that made it so memorable? We are often faced with the challenge of presenting a class that may not be the most exciting or stimulating. We will discuss how to add humor to your presentation so as to keep your students attention, while at the same time improving their long-term retention.

Objectives:

- List different teaching methods
- Discuss and utilize several teaching strategies
- Discuss what works well in the classes

Friday, November 9, 2007

3:30 pm – 5:00 pm

That's Not Right...Evaluation and Management of the Child with Altered Sensorium (BLS/ALS Track)

BJ Coopes, MD
Anchorage, AK

This presentation will be a discussion and opportunity to learn the symptoms, etiology and treatment of altered sensorium in children.

Objectives:

- List common presenting signs of altered sensorium
- Discuss common etiologies of altered sensorium
- Identify the approach and treatment for altered sensorium

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Sudden Death in Young Athletes (BLS/ALS Track)

David Brauner, DO
Anchorage, AK

Sudden death in young athletes is rare but a tragic occurrence. How can something that is supposed to be good for you – exercise, kill you. This presentation will introduce the common causes of sudden death in young athletes and screening that is necessary for athletes at risk.

Objectives:

- Describe cardiac adaptation to exercise
- List the common causes of sudden death in young athletes
- Discuss screening that should occur in young athletes with risk factors for sudden death

Acute Coronary Syndromes (BLS/ALS Track)

Fidel Garcia, EMT-P
Grand Junction, CO

Coronary artery disease is still the leading cause of death in the United States. Using case presentations we will follow interesting cases from the field through their treatment at the receiving facility. Emphasis will be on twelve leads, signs and symptoms, and developing a treatment plan that ties into the hospital management to decrease myocardial damage.

Objectives:

- Identify infarct patterns on a 12 lead
- Develop a treatment plan for a patient in the setting of an MI
- Describe the physiology of a thrombus formation

The Only Thing Bad about Conflict is Losing (Management Track)

Mike Taigman
Santa Barbara, CA

Conflict comes in all kinds of packages. Sometimes you see other people you work with arguing with each other. Other times people bring you the gift of conflict. Sometimes you bring it to others. People who are good at getting through sticky situations move up in the ranks, take better care of aggressive patients, get more of what they want out of life and have more fun. In this entertaining and participatory session you'll learn how to walk through conflict without getting burned.

Objectives:

- Describe the neuro-psychology of emotional hijacking as it related to conflict
- List and discuss the three models for conflict management
- Discuss the importance of “draining the emotional bubble” before negotiating an agreement

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What Did You Do in the War Daddy? (Instructor Track)

Brian Reiselbara, MICP
Kotzebue, AK

Stories and examples enhance the learning environment but can be misused in teaching. This presentation will help the EMS instructor utilize 'war stories' correctly and augment learning.

Objectives:

- Describe how 'war stories' are overused in teaching.
- Discuss how 'war stories' can be an effective teaching tool.
- Describe how to incorporate 'war stories' into the flow of a lecture without detracting from the content.

The Changing Face of Drug Abuse: The Trend toward Prescription Drugs (Injury Prevention Track)

Brian Arnzen, RN, BSN, CSPI
Portland, OR

A number of national studies and recent published reports indicate that that intentional abuse of prescription drugs, such as pain relievers, tranquilizers, stimulants, and sedatives. To get high is a growing concern - particularly among teens. This session lead by Oregon Poison Control Center will discuss how the illicit use of prescription drugs is evolving as a major public health concern.

Objectives:

- Discuss trends in substance abuse--prescription drugs; nonprescription drugs; other non-drug substance abuse
- Define the prevalence and incidence of illicit use of prescription drugs
- Distinguish between the myths and the realities of illicit use of prescription drugs
- Identify gender difference with regard to illicit drug use.

Saturday, November 10, 2007

8:30 am – 10:00 am

Pediatric Trauma (BLS/ALS Track)

Brian Reiselbara, MICP
Kotzebue, AK

Kids are different and as EMS providers we need to be aware of that and understand how to approach kids when they are injured. This presentation will provide an overview of the unique differences in kids and how to provide the best care.

Objectives:

- Identify the unique differences in injury patterns for children
- Demonstrate an understanding of the special importance of airway management and oxygenation of children.
- Demonstrate an understanding of trauma management techniques in children.

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Preserving and Learning From Our Past (BLS/ALS Track)

Valerie DeFrance
Hope, AK

In life it is important to understand our past in order to appreciate how we got to the present and where we want to go in the future. The same can be said for EMS. This presentation will be an overview of EMS – past and present.

Objectives:

- Discuss what efforts are being made to preserve EMS history
- Analyze how patient care has evolved by studying our history
- Discuss the role the government, military, and individuals have had in the development of EMS

Obstetric Emergencies (BLS/ALS Track)

Katie Ostrom, MD
Anchorage, AK

This presentation focuses on five categories of emergencies encountered with obstetric patients. These will include the recognition, stabilization and pre-hospital treatment of vaginal bleeding during pregnancy and postpartum, hypertensive disorders including pre-eclampsia and eclampsia, conditions involving fetal prematurity such as pre-term labor and premature membrane rupture, delivery complications including breech presentation and shoulder dystocia, and common trauma injuries.

Objectives:

- List the causes of antepartum and postpartum vaginal bleeding during pregnancy and their management in the pre-hospital setting.
- Distinguish between hypertensive urgencies and emergencies in obstetric patients.
- Discuss stabilization and transport concerns involving fetal prematurity such as pre-term labor.
- Review the steps required to resolve a delivery complication in the field.
- Discuss stabilization of the obstetric trauma patient.

Better Living Through Pharmacology – An Overview of ACLS Medications (ALS Track)

Fidel Garcia, EMT-P
Grand Junction, CO

During a cardiac arrest your assignment is to deliver the medications. Do you start with Epinephrine or Vasopressin and why? Do you follow that with Lidocaine or Amiodarone? What drug is next? We will take a look at the primary meds needed in specific resuscitation scenarios. We will discuss what drugs to administer, discuss specific reasons why and go over drug dosing and calculations.

Objectives:

- List the appropriate drugs required in specific situations
- Discuss the actions behind the medications delivered
- Calculate and deliver appropriate drug doses

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Instructor's Update (Instructor Track)

Mike Branum, RN, MICP

Juneau, AK

This session will provide instructors with information on the latest changes in policy and procedure related to the delivery of EMS education in Alaska. This is also an opportunity to ask questions of the EMS Unit's Training and Certification Coordinator.

Objectives:

- Discuss the importance of providing assistant instructor information when applying for course approval
- Explain how he or she is going to encourage involvement in the public comment period for the upcoming EMS regulations revision project
- List the name of at least one Alaska EMS instructor who they either had never met or had not seen since the last Symposium or earlier.

Rescue Course to Drowning Events in Open Bodies of Water (Injury Prevention Track)

Robert Ogoreuc

Slippery Rock, PA

The purpose of the presentation is to give an overview of the Open Water Rescue program that was developed in New Jersey through the State Police. The New Jersey State Police Marine Services saw a dangerous trend developing up and down the coastline of New Jersey. Town after town was sending untrained and ill prepared responders into the open bodies of water. Fortunately no fatalities were observed, but many close calls and a lot of injuries occurred during these incidents. To combat this, the Marine Services Bureau set out to see what towns were doing to address the increasing number of after hour rescues. In that search, they came to towns like Ocean City and Brigantine who had programs that seemed to be working.

In Ocean City, the NJSP found that the Fire Department managed the Beach patrol and that an arrangement had been made to have all firefighters trained in open water rescue. In Brigantine, the NJSP found a beach patrol full of skilled and dedicated lifeguards that were more than willing to help teach others.

A partnership was forged between these agencies to develop the NJSP Open Water Rescue Course. The program is broken into three phases, Awareness, Operation, and Technician.

Objectives:

Awareness Upon completion of this unit of instruction, the participants will have an understanding of the threats posed to rescuers in the surf environment. Additionally, each participant will possess sufficient personal survival skills to enhance their survivability in the event of an accidental entry into water. Participants will begin to understand their personal limitations in the surf environment.

Operations Participants will demonstrate skill proficiency in various rescue techniques both in the pool and open water settings. Additionally, concepts of developing a water rescue team will be understood.

Technician Participants, upon completion, shall possess the advanced skills necessary to perform ocean based water rescues. Participants will also have a high sense of confidence in their personal abilities as a rescue swimmer and critical thinking skills in evaluating surf rescue incidents.

This presentation will covers all the academic content and skills at each of the three levels of training.

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Saturday, November 10, 2007

10:30 am – 12:00 pm

Geriatric Assessment (BLS/ALS Track)

Brian Reiselbara, MICP
Kotzebue, AK

Our population is aging and therefore EMS providers will be required to respond to more geriatric calls. This presentation will provide an overview of the assessment of the geriatric patient and the importance of understanding the differences in order to provide the best care for our elderly.

Objectives:

- Compare the assessment of the older patient with that of a younger adult patient.
- Describe normal and abnormal findings in assessment of the geriatric patient
- Recognize common emotional and psychological reactions to aging.

Stroke Rapid Response (SRR) (BLS/ALS Track)

Mike Branum, RN, MICP
Juneau, AK

Stroke Rapid Response[™] is a training program specifically designed to provide pre-hospital professionals with practical stroke education. The recommended audience is pre-hospital providers including first responders, emergency medical technicians, EMS educators, dispatchers, and paramedics. This is a “canned” approved course already by the National Stroke Association with the test and the objectives from the lecture.

Objectives:

- Describe the signs and symptoms of stroke
- Discuss the pre-hospital scales and screens
- List the care actions for the stroke patient

The Good, the Bad, and the Ugly – Emergency Intervention for Children & Adolescents with Behavioral Disturbances (BLS/ALS Track)

David Holladay, PhD
Palmer, AK

The presentation will begin with an initial description of the general ‘lay of the land’ in psychiatric diagnosis and treatment. The bulk of the presentation will focus on (1) suicide and risk assessment, and (2) the pathophysiology, assessment and treatment of panic disorder.

Objectives:

- Differentiate high from low risk suicide behavior
- Discuss the symptoms of panic disorder and contrast them with agoraphobia, acute situational anxiety, post-traumatic stress disorder, and myocardial infarction symptoms
- List some practical behavioral and pharmacological treatment interventions for panic disorder

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The Alaska Land Mobile Radio System (ALMR): A Users Perspective (Management Track)

Jeff Tucker
North Pole, AK

This program will discuss from a user's perspective the basics of the ALMR system and how a department may or may not be impacted by it.

Objectives:

- Discuss the history of the Alaska Land Mobile Radio (ALMR) system, where the system is today and plans for the future.
- Describe how agencies are currently using the system.
- Analyze if your system needs to join the ALMR system
- List the decisions that an agency needs to make to when moving to ALMR.

Backcountry Avalanche Awareness and Response Team (BAART) (Injury Prevention Track)

BAART Team
Wasilla, AK

Alaska is a winter wonderland for all outdoor enthusiasts, however, too many times a day full of skiing, hiking, or on a snowmachine can turn out to be a disaster.

While it is easier to avoid an avalanche than to survive it, understanding avalanche hazards are necessary for not only those who enjoy the backcountry of Alaska but also those who are called to respond in case of emergency. The B.A.A.R.T (Backcountry Avalanche Awareness and Response Team) in Wasilla will present this session to help participants understand the characteristics of an avalanche and how understanding the hazards may save your life.

Objectives:

- Describe the characteristics of avalanche terrain: slopes, wind-deposited snow, clearings, and areas with few trees
- Discuss what weather conditions increase avalanche risk
- List the warning signs of avalanche danger
- Describe what a responder must do to avoid an avalanche in a rescue setting.

Saturday, November 10, 2007

1:30 pm – 3:00 pm

Medic Madness (BLS/ALS Track)

Valerie DeFrance, MICP
Hope, AK

This lively session will involve audience participation with teams answering medically-related questions for prizes. So come and test your knowledge as well as learn new things in a fun, stress-free format. In

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addition, you will improve your skill at differentiating sex, regardless of appearance, by correctly identifying the show's host and assistant.

Objectives:

- Review your knowledge in a wide variety of EMS subjects by observing game players in a quest for answers.
 - Develop problem resolution and critical thinking utilizing teamwork to seek answers to medical questions.
 - Identify three new things you learned during this session.
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Clinical Track

Thursday, Nov. 8, 2007

8:30 am– 10:00 am

Alcohol Interventions in Trauma Centers: Who, When, and Why

Larry Gentilello, MD

Dallas, TX

An injury requiring hospitalization creates a crisis that provides a unique opportunity to intervene and to motivate patients to alter their drinking behavior. This makes trauma centers ideal sites to implement an alcohol screening, intervention, and referral program. This presentation will review the programs and how they work.

Objectives:

- Discuss the relationship between alcohol and injury
- Discuss why trauma prevention is a vital activity for those who treat trauma patients
- Identify new paradigms of alcohol treatment, including the use of brief, motivational interventions
- Describe the implementation of evidence-based injury prevention programs that focus on alcohol use in trauma center patients

10:30 am – 12:00 pm

Stroke Panel

David Tirschwell, MD

Seattle, WA

Marshall Tolbert, MD

Anchorage, AK

Brian Trimble, MD

Anchorage, AK

This panel discussion led by three physicians will provide an overview of the state of the art treatment for stroke nationally and in Alaska from pre-hospital through acute care.

Objectives:

- Explain the most recently approved treatment for stroke patients in the pre-hospital setting, emergency room setting, and acute care setting.
- Describe acute interventional services available in Alaska for stroke patients.
- Describe the early diagnosis and treatment of stroke.

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1:30 pm – 3:00 pm

Hypothermia in Trauma Patients: The Effect of Re-warming Methods on Outcomes

Larry Gentilello, MD
Dallas, TX

Current guidelines for trauma care call for active efforts at preventing hypothermia, and for aggressively treating it once it has occurred. This presentation will discuss the effects of hypothermia on the trauma patient and how to select the appropriate re-warming method.

Objectives:

- Discuss hypothermia's specific effects on clotting
- Differentiate between the various methods of re-warming and distinguish which is best for what situation
- Discuss the effects of hypothermia on the injured patient
- Describe the effects hypothermia has on outcomes for trauma patients

3:30 pm – 5:00 pm

Hand Injuries – What you Learned in School and Forgot

Candy Clawson, DO
Anchorage, AK

This presentation will review hand injuries to include lacerations, common hand fractures, tendonitis of the wrist and trigger fingers. Dr. Clawson will answer questions and provide knowledge to improve the care of patients with hand injuries.

Objectives:

- Discuss clinical skills related to the diagnosis, treatment, and appropriate referral of:
 - Hand lacerations
 - Common hand fractures
 - Common tendonitis of wrist
 - Trigger fingers
- Identify the important components of patient education after suffering a hand injury
- List the common mistakes and how to avoid them when treating hand injuries

Friday, Nov. 9, 2007

8:30 am – 10:00 am

The Perils of Pediatric Transport

Debbie Lerner, MD
Anchorage, AK

The safe transport of critically ill pediatric patients requires some knowledge of the anatomic and physiologic differences of neonates, infants, children and adults. This presentation will cover those

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differences and other important aspects to ensure the safe and timely transport of critically ill pediatric patients.

Objectives:

- Discuss the anatomic and physiologic differences of neonates, infants, children and adults and understand how this affects safe transport of critically ill pediatric patients
- Describe the pathophysiology of specific pediatric problems and how to use this knowledge to alter treatment strategies and improve patient outcomes
- Discuss the need and appropriate use of anxiolytics and analgesics during pediatric transports
- Analyze difficult pediatric transport cases to gain insight and understanding of this issue

10:30 am – 12:00 pm

EMS – The Next Steps

Mike Taigman

Santa Barbara, CA

Thirty years ago EMS was cutting edge. We broke new ground proving to skeptical physicians that paramedics could perform life saving procedures. We showed the world that clinically dead people could be re-animated and live a longer life. We created equipment and training to take care of motor vehicle crash victims. That's old news; today EMS is fat and lazy. It's time to start a new revolution in EMS.

Objectives:

- Describe how EMS can support people in the community who have chronic disease.
- Discuss the dynamics of diabetes in America.
- Identify asthma attack triggers and how to rid a home of the triggers.
- Identify when a CHF patient is heading for an exacerbation

1:30 pm – 3:00 pm

Meth Awareness

Rita Huss, RN

Eva Blurton, RN

Kenai, AK

Methamphetamine is one of the vilest drugs that have transpired in our lifetime. Education is the key to prevention and cost containment for multiple social and financial issues that surround this drug. This presentation will cover a number of these issues including short and long term affects, health and safety issues associated with meth manufacturing and its use.

Objectives:

- Describe Methamphetamine use, community prevalence, community effects
- Discuss clinical presentation, safety risks, personal and community risks, and clinical presentation of the patient on meth
- Describe the risks for children involved in methamphetamine labs
- Discuss safety risks for EMS/FIRE personnel

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3:30 pm – 5:00 pm

The Changing Face of Drug Abuse: The Trend toward Prescription Drugs

Brian Arnzen, RN, BSN, CSPI
Portland, OR

A number of national studies and recent published reports indicate that that intentional abuse of prescription drugs, such as pain relievers, tranquilizers, stimulants, and sedatives. To get high is a growing concern - particularly among teens. This session lead by Oregon Poison Control Center will discuss how the illicit use of prescription drugs is evolving as a major public health concern.

Objectives:

- Discuss trends in substance abuse--prescription drugs; nonprescription drugs; other non-drug substance abuse
- Define the prevalence and incidence of illicit use of prescription drugs
- Distinguish between the myths and the realities of illicit use of prescription drugs
- Identify gender difference with regard to illicit drug use.

Saturday, Nov. 10, 2007

8:30 am – 10:00 am

Cases from Hell: "A Note to Self"

BJ Coopes, MD
Anchorage, AK

This presentation will be an interactive lecture with actual cases from Pedi Intensivists two decades of experience that are presented to stimulate discussion, diagnostic and treatment skills.

Objectives:

- Discuss how to diagnose a critically ill pediatric patient. (Who's sick and who isn't)
- Evaluate a pediatric patient who is critically ill
- Describe how to approach a critically ill pediatric patient
- Identify some pearls for some common pediatric illnesses that will get you by in a pinch.

10:30 am – 12:00 pm

EMS Technology for Medical Directors

Mike Motti, EMT-III
Sitka, AK

Every month, new medical devices are marketed to the EMS community. Medical Directors are often asked to approve equipment purchases and write standing orders and protocols for equipment with which they are not familiar. This session is intended to give medical directors an opportunity to put their hands on some of this new technology and review the research literature. Mike Motti EMT- TG (techno geek) will be on hand to demonstrate the equipment and answer questions. As every EMS service's needs are different, this will be a learning environment. No judgments will be made on the efficacy or

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appropriateness of any product. No manufactures representatives will be present. Copies of any applicable medical research will be available for participants.

Objectives:

- Assess new technology to make informed decisions that will allow their providers to better care for patients.
- State how to ask the right questions when asked their opinion and consent for new medical equipment.
- Identify resources to help determine if the equipment is needed and what training will be required.

1:30 pm – 3:00 pm

Stroke and TIA Management in the Clinic Setting

Jeff Sponsler, MD

Wasilla, AK

This session will provide the emergency room physician, nurse practitioner, and physician's assistant an overview of stroke treatment and triage in a facility without CT or IV t-PA.

Objectives:

- Describe the treatment for stroke patients in the clinic settings without CT scanner and IV t-PA
- Apply triage protocols to a variety of stroke/TIA case scenarios
- Risk stratify patients based on examination and diagnostic findings in case scenarios
- Discuss inpatient treatment for stroke patient based on evidence based treatment guidelines

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