Advanced Medical Life Support (AMLS) Instructor and Provider (Combined BLS/ALS)
March 28 (Instructor 1p-5p) March 29 & 30, 2013 (Provider 8-5)
CCMH EMS Base - 502 Stocktrail, Gillette, WY
Coordinator - Mountain Plains Health Consortium - Glenn Goodman.
CCMH employees register with Gregg Mentzel at 307-688-1160 or gregg.mentzel@ccmh.net
All others (preference to WY Region 1 - Sheridan, Johnson, Campbell, Crook & Weston Counties)
contact the Course Coordinator, Glenn Goodman, at ggoodman@heds.org or 605-720-7117.
CCMH employees no charge. All others will have the NAEMT expense of \$15.00 for their card and the cost of the textbook.

Assessing and managing patients: The AMLS course

AMLS emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider possibilities and probabilities in treating patients' medical crises. The course offers an initial assessment-based approach that progresses to a diagnostic-based approach to quickly develop the best treatment plan. AMLS is for all levels of practitioners with a strong commitment to patient care, including first responders, emergency medical technicians, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians. When given a case presentation, students who take AMLS will learn to:

- · · Identify and manage life-threatening presentations for a variety of medical emergencies, while considering comprehensive patient history, focused physical exam, and diagnostic findings.
- · · Demonstrate with proficiency the application of the AMLS Assessment Pathway to determine appropriate differential diagnoses and management strategies.
- \cdot Compare and contrast the concepts of clinical decision-making, pattern recognition, and clinical reasoning used in the determination of differential diagnoses.

The AMLS curriculum

The course discusses common medical crises, introduces the AMLS Assessment Pathway, and presents specific cases and differential diagnoses and management strategies for each. The course includes lecture, discussion and skills stations, so students leave with thorough knowledge and hands on skills to perform accurate physical examinations and provide best treatment to patients. The curriculum covers the signs, symptoms and pathophysiology of:

- · · · Altered mental status and neurologic disorders
- Addresses patients' mental status and abnormal neurological function and how to perform accurate basic neurologic physical examinations
- · · Respiratory dysfunction Examines respiratory distress versus respiratory failure, the variety of respiratory disorders, and the use of basic and advanced airway adjuncts to manage the airway and increase oxygenation and ventilation
- · · Shock Discusses compensated and uncompensated shock and appropriate treatment strategies
- · · · Chest discomfort Emphasizes disorders, diagnoses that require emergency interventions, and the interpretation of findings for a 12-lead ECG into the AMLS Assessment Pathway
- \cdot · Endocrine, metabolic and environmental disorders Concentrates on the disorders that require emergency interventions
- \cdot · Abdominal discomfort Deals with a variety of presentations, disorders and issues, and emergency management
- · · Infectious disease Addresses differential diagnoses that require emergency interventions and demonstrates use of body substance isolation
- · · · Toxicologic emergencies, hazardous materials and weapons of mass destruction Describes exposures, toxidromes and safety concerns that require emergency interventions