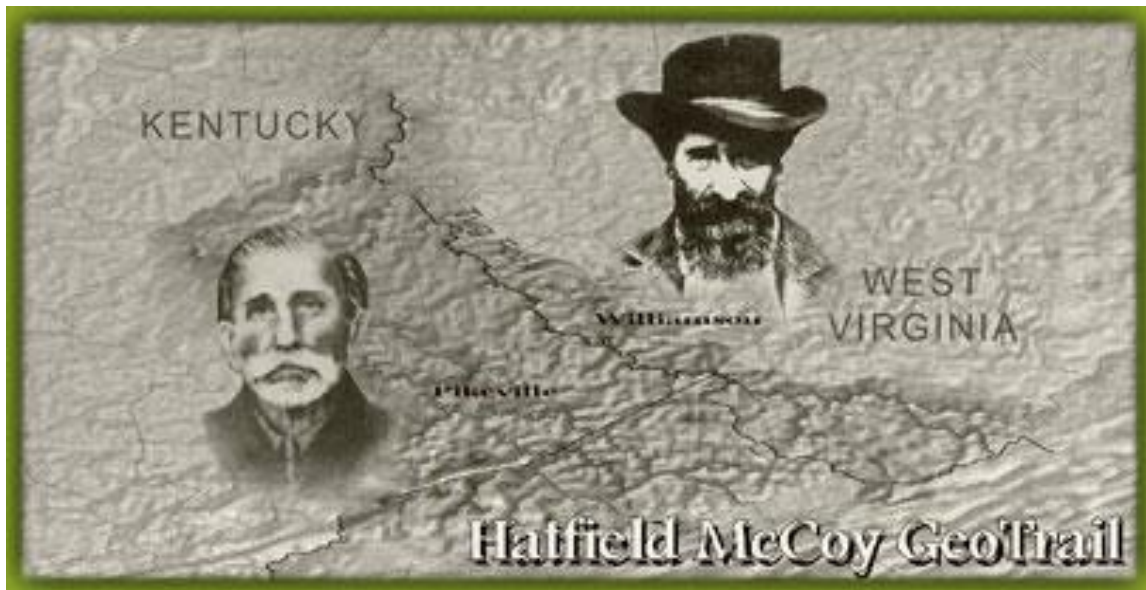


Hatfield & McCoy Mine Safety Competition – First-Aid Contest

JULY 15, 2014



**SKILL
STATION
PROBLEM**

BILLY HAS JUST FALLEN FROM A PLATFORM ELEVATED 15 FEET ABOVE THE GROUND. AS HE GOES UNCONSCIOUS HE TELLS YOU HE IS NUMB FROM THE NECK DOWN.

TWO-RESCUER CPR (WITH SPINAL INJURY - MANIKIN ONLY)

PROCEDURES	CRITICAL SKILL
1. RESCUER 1 - ESTABLISH UNRESPONSIVENESS	<ul style="list-style-type: none"> <input type="checkbox"/> A. Tap or gently shake shoulders <input type="checkbox"/> *B. "Are you OK?" <input type="checkbox"/> C. Determine unconsciousness without compromising cervical spine (neck) injury <input type="checkbox"/> *D. "Call for help" <input type="checkbox"/> *E. "Get AED" (Note: If AED is used, follow local protocol)
2. RESCUER 1 - MONITOR PATIENT FOR BREATHING	<ul style="list-style-type: none"> <input type="checkbox"/> A. Look for absence of breathing (no chest rise and fall) or gasping, which are not considered adequate (within 10 seconds)

ENVELOPE #1
BILLY IS NOT BREATHING AND DOES NOT HAVE A PULSE.

TEAM SHOULD START TWO RESCUER CPR (WITH SPINAL INJURY – MANIKIN ONLY)

AFTER TEAM STARTS CPR GIVE ENVELOPE #2

ENVELOPE #2 GIVE TWO SETS OF CPR

3. RESCUER 1 - CHECK FOR CAROTID PULSE	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Correctly locate the carotid pulse - on the side of the rescuer, locate the patient's windpipe with your index and middle fingers and slide your fingers in the groove between the windpipe and the muscle in the neck B. Check for presence of carotid pulse for 5 to 10 second *C. Absence of pulse
4. RESCUER 1 - POSITION FOR COMPRESSIONS	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Locate the compression point on the breastbone between the nipples B. Place the heel of one hand on sternum the compression point and the other hand on top of the first so hands are parallel C. Do not rest fingers on the chest Keep heel of your hand on chest during and between compressions

5. RESCUER 1 - DELIVER CARDIAC COMPRESSION	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Give 30 compressions B. Compressions are at the rate of at least 100 per minute (30 compressions delivered within 18 seconds) C. Down stroke for compression must be on or through compression line D. Return to baseline on upstroke of compression
6. RESCUER 2 - ESTABLISH AIRWAY	<input type="checkbox"/> <input type="checkbox"/>	A. Kneel at the patient's head B. Correctly execute jaw thrust maneuver
7. RESCUER 2 - VENTILATIONS BETWEEN COMPRESSIONS	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Rescuer 1 should place the barrier device (pocket mask/Shield with one way valve) on manikin (OPTION 1: When spinal injury is present, Rescuer No. 2 can hold barrier device on manikin after Rescuer No. 1 correctly places device over the mouth and nose (OPTION 2: Rescuer 1 can place the device on the manikin each time patient is ventilated) B. Rescuer 2 Gives 2 breaths 1 second each C. Each breath - minimum of .8 (through .7 liter line on new manikins) D. Complete breaths and return to compressions in less than 10 seconds (This will be measured from the end of last down stroke to the start of the first down stroke of the next cycle.)
8. CONTINUE CPR FOR TIME STATED IN PROBLEM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Provide 5 cycles of 30 chest compressions and 2 rescue breaths B. To check pulse, stop chest compressions for no more than 10 seconds after the first set of CPR C. Rescuer at patient's head maintains airway and checks for adequate breathing or coughing D. The rescuer giving compressions shall feel for a carotid pulse E. If no signs of circulation are detected, continue chest compressions and breaths and check for signs of circulation after each set F. A maximum of 10 seconds will be allowed to complete ventilations and required pulse checks between sets (this will be measured from the end of the last down stroke to the start of the first down stroke of the next cycle)
9. CHANGING RESCUERS	<input type="checkbox"/>	A. Change of rescuers shall be made in 5 seconds or less and will be completed as outlined in problem. Team must switch every 5 cycles in less than 5 seconds.

10. CHECK FOR RETURN OF PULSE	<input type="checkbox"/>	A. A final pulse check will be required at the end of the last set of CPR (within 10 seconds)
	<input type="checkbox"/>	*B. "Patient has a pulse."

AFTER TEAM COMPLETES ITEM #10 AND STATES "PATIENT HAS A PULSE" GIVE ENVELOPE #3

ENVELOPE #3

PATIENT IS BREATHING AND HAS A PULSE.

**TEAM MAY STOP THE CLOCK
DON'T FORGET THE TAPE!**