



Instructors were provided at cost by

**Children's Medical Center, Dayton  
Nationwide Children's Hospital, Columbus**

assistance was provided by the

**Columbus Fire Department  
911 Dispatch Center**

***Special Children's Outreach and Pre-hospital Education***

Thursday, September 20, 2007  
Champaign County Community Center

Sponsored by  
***Premier Health Care Services, Inc.***

Participants

Urbana Fire Division  
Johnson-St.Paris EMS  
Pleasant Twp.-Catawba EMS  
Springfield Fire/Rescue  
Champaign County Health District  
Mercy Memorial Hospital Emergency Department

**Class size was limited to 24 students.**

**Meeting the Families**

**The 911 System**

The patient is identified by number,  
only that number appears on the dispatch screen  
or goes out over the radio.

**Champaign County Special Need Patients**

Last up-date 3/15/08

Page #	Patient Name Address	EMS Dept.	Special Need
1		UFD	No sternum
2		UFD	GI tube, MEDS, BPD, Asthma, MECA
3		UFD	GI tube
4		MB	Trach, 24 hr O2 Bipap, Seizures, GI tube, Asthma
5		MB	Asthma Central Palsy Craniofacial
6		RW	Tracheostomy Asthma Seizures previous disorder
7		MB	Seizures Hypertrophic cardiomyopathy
8		UFD	Type I Diabetes DVA
9		UFD	Ampicillin Sensitive Seizures, weight loss
10		CB	Epilepsy
11		CB	Sign language Asthma, Seizures Congenital Heart
12		UFD	Comb. Palsy G & J tube Asthma, MECA

Department Abbreviations

Urbana = UFD  
Johnson - St. Paris = JSP  
West Liberty = WL  
Rosewood = RW  
Christiansburg = CB  
Mechanicsburg = MB  
Northeast Champaign County = NE

**Urbana Fire Division  
Medic 1**



## APNEA

Cessation in breathing for more than 20 seconds or changes in color, slow heart rate, LOC.

Types - Neurologic, obstructive (gastroesophageal reflux), mixed.

Treatment - Assess and treat ABC's  
Confirm accuracy of apnea monitor function  
O<sub>2</sub>, BiPAP if necessary,  
Suction as necessary  
ALS - cardiac monitor, pulse ox, if in place, continue BiPAP, CPAP, or ventilator

Transport - To nearest appropriate facility  
If in place, transport apnea monitor  
Patient Information Form (PIF) if available  
"Go Bag" if available



## Apnea Monitors

Placed on patient to monitor respiratory and heart rate. Monitor is left in place for up to one year or until patient has been event free for 6 weeks or more. Electrodes are placed on patient, two blinking lights are visible, one indicating respiratory rate, the other heart rate. For alarm activation, a predetermined respiratory and heart rate can be set or adjusted, but only by physician or certified technician.

Four things can activate the alarm:

1. No respiratory effort
2. Obstruction, such as tongue or mucus plug, causing hypoxia and bradycardia
3. A combination of 1 & 2
4. Power failure

## Apnea Monitor Alarms

The unit must be placed on a hard, unobstructed surface above floor level for sound to resonate. Most units have a remote so care giver can hear alarm if out of the room. Two blinking lights, one for respiratory and one for heart rate are visible. Alarm will sound if respiratory or heart rate drops below predetermined level. The first alarm will be a loud series of single beeps, second alarm, double beeps, third alarm, triple beeps.

- The unit operates on AC or battery, a light indicates which is in operation.
- Transport the monitor with the patient, even if it is not operable.

# Local Hospitals

# Children's Hospitals

Schools

Law Enforcement

*Success isn't about  
making a fortune,  
it's about  
making a difference.*