

## Final Review

### 1. Medical Legal

- Consents
- DNR
- Duty to act
- Negligence
- Refusals
- Documentation
- Restraints
- Mental Health Holds
- On line vs. Off line orders

### 2. Ambulance Operations

- General Lifting and safety
- Ambulance equipment
- Radio procedures for notification and for Off line Med orders
- Safe Driving

### 3. BSI and Scene Safety (Scene Size Up)

- Dealing with death and dying
- BSI
- Scene size up and the components
- Haz-Mat
- Components of Scene size up
- Infectious diseases

### 4. Anatomy and Physiology

- Functions of the organs in thoracic and abdominal region
- The functions of the arteries and veins
- Sympathetic and parasympathetic system
- Anatomy of the skin
- Central nervous system
- The structures of the meninges
- The respiratory system and process
- The mechanical action associated with the systolic and diastolic B/P
- The cardiovascular system

## 5. Patient Assessment

- Components of Initial Assessment
- Components of Focused History and Physical Exam (Trauma and Medical)
- Components of a Detailed exam
- Components of the on going assessment
- Components of Rapid trauma assessment
- Understanding the difference between signs and symptoms

## 6. Vital Signs

- Normal ranges for Adult, Pediatrics, Infant
- Capillary refill
- Vital signs changes in shock and head injuries

## 7. Pharmacology

- Indications
- Contraindications
- Side effects
- Dosage
- Routes of administration
- Trade name vs. generic name
- Actions

## 8. Airway Management

- Oxygen devices and the percentage of oxygen they deliver
- OPA and NPA, indications, contraindications, procedure for insertion
- Suction procedure
- Indications for head tilt chin lift and jaw thrust maneuver
- BVM

## 9. AED and CPR

- Indications and contraindications for AED
- The procedure for using an AED
- CPR review

## 10. Environmental

- Hypothermia
- Hyperthermia
- Frostbite

## 11. OBGYN

- Delivery process and procedure
- Neonatal resuscitation
- Obstetrical emergencies
- Anatomy and function of the uterus, placenta, ect
- Pediatric

## 12. Trauma

- Shock – diagnosis and treatment of the different types of shock
- Recognition of compensating and decompensating shock
- Recognition of the various types of soft tissue injuries and the appropriate treatment
- The different classification of burns
- The measurement of burns
- The appropriate treatment for burns
- Assessment and appropriate treatment for musculoskeletal injuries
- Recognition and appropriate treatment for Pneumothorax, sucking chest wound, flail chest, various types of head injuries

## 13. Pediatric

- Anatomical differences between adults and children
- Common illnesses

## 14. Triage and MCI procedures