

EMT-Basic study guide

Please review the following items and become comfortable with them prior to your Scope of Practice written exam. Some of these items will be found in the clinical supplements of your protocols as well as operational protocols. Information on the pharmacology section can be obtained from an EQS in the form of the medication tables.

Ambulance Operations

Infection control procedures

Continuous Quality Improvement in EMS

ROSC transport destination protocol

Destination protocols

Trauma Triage protocol

Refusal protocol

Be able to define negligence

MCI policy and procedures

Pediatrics

Airway

Assessment of adequate perfusion

Normal vital sign ranges

Airway management

Calculating burn BSA and severity

Obstetrics

Proper positioning of the pregnant female

Medical terminology pertaining to pregnancy and pregnant patients

Pre-eclampsia vs Eclampsia

How to calculate duration and frequency of contractions

Newborn care and APGAR calculation

Trauma

Be able to estimate injuries based on Mechanism of Injury

Effects of projectiles on the body

Crush injury pathology

Concerns related to soft tissue injuries

Care and treatment for penetrating injuries

Review electrocution protocol

Care for Burns and calculating total body surface area of burns

Difference between blunt and penetrating trauma

Adult Medical

Review Angina Pectoris

Upper and Lower lung sounds and their causes

Basic anatomy of the heart

Pharmacology

Medication dosing techniques

Medication math

Medication mechanism of action for all drugs in the EMT-B formulary (for Medic)

Medication dosages for all medications in the EMT-B formulary (for Medic)

Know trade and generic names for all medications in the EMT-B formulary (for Medic)

Know indications and contraindications for all medications in the EMT-B formulary (for Medic)