



Emergency Medical Technician: Administration of Epinephrine	KBEMS E-42
Kentucky Required Mandatory Supplemental Curriculum: Administration of Epinephrine	

Upon completion of the course, the student shall be able to:

1.	Differentiate between the signs and symptoms of an allergic reaction and anaphylactic reaction.
2.	Describe the effects of histamine and other chemicals in producing the signs and symptoms of anaphylaxis.
3.	Prioritize the steps in assessment and management of patients with allergic and anaphylactic reactions.
4.	Describe and list the generic and common trade name, indications, contraindications, side effects, untoward effects, forms, routes of administration, and dosages for Epinephrine 1:1000 (Adrenalin).
5.	Explain the six (6) rights of medication administration and describe how each one relates to EMS.
6.	Describe the role of medical direction in medication administration, and explain the difference between direct orders (on-line) and standing orders (off-line).
7.	Explain why determining a patient's prescription and over the counter (OCT) medications is a critical aspect of patient assessment.
8.	Discuss the circumstances surrounding the administration of medication.
9.	Discuss the weights and measures used when administering medication.
10.	Explain principles of drug dose calculations, including desired dose, concentration on hand, and volume to administer.
11.	Discuss the advantages, disadvantages, and techniques for administering the following: a) A subcutaneous medication b) An intramuscular medication
12.	Demonstrate the process an EMT should follow when following the six (6) rights of medication administration.
13.	Demonstrate how to draw medication from an ampule.
14.	Demonstrate how to draw medication from a vial.
15.	Demonstrate how to administer a subcutaneous medication to a patient.
16.	Demonstrate how to administer an intramuscular medication to a patient.