



## Colorado EMS Primary Instructor Training Lesson Guide

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**Session Title:** Body Substance Isolation

**Session Reference:**

**Time Required:** 10 minutes

**Materials:**

**References:** National D.O.T. E.M.T. Curriculum

**Prepared By:**

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## **Preparation / Set:**

### **Attention / Motivation:**

The EMT-Basic runs the risk of being exposed to a variety of blood-borne and air-borne diseases with every patient they come into contact with. The best way to protect against infection is to understand and practice body substance isolation techniques.

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**Objectives:**

At the completion of this session, the student will be able to:

1. Discuss the importance of body substance isolation
2. Describe the steps that the EMT-Basic should take for personal protection from airborne and bloodborne pathogens.

**Session Overview:**

- C This topic will cover the need for BSI and the items needed for its implementation
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Instructor Notes	Outline
	<ul style="list-style-type: none"><li>I. Infection Control<ul style="list-style-type: none"><li>A. Hand washing</li><li>B. Eye protection<ul style="list-style-type: none"><li>1. If prescription eyeglasses are worn, then removable side shields can be applied to them</li><li>2. Use of goggles is recommended</li></ul></li><li>C. Gloves (vinyl or latex)<ul style="list-style-type: none"><li>1. Needed for contact with blood or bloody body fluids</li><li>2. Should be changed between contact with different patients</li></ul></li><li>D. Gloves (utility) - needed for cleaning vehicles and equipment</li><li>E. Gowns<ul style="list-style-type: none"><li>1. Needed for large splash situations such as with field delivery and major trauma</li><li>2. Change of uniform is preferred</li></ul></li><li>F. Masks<ul style="list-style-type: none"><li>1. Surgical type for possible blood splatter</li><li>2. High Efficiency Particulate Air (HEPA) respirator if patient suspected for or diagnosed with tuberculosis</li><li>3. Airborne disease - surgical type mask to be worn by the patient</li></ul></li></ul></li></ul>

## **Summary:**

### **Review:**

- C Discuss the importance of body substance isolation
- C Describe the steps that the EMT-Basic should take for personal protection from airborne and bloodborne pathogens.

### **Re-motivation:**

## **Evaluation**

Written tests and/or quizzes.

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