

Introduction to Immobilization and Splinting Techniques

Curriculum Overview

Designed for:

- High school students
- Post-secondary courses in health care
- EMT training courses

Length:

The activities in this curriculum will last approximately 4 hours. With supplemental materials, this curriculum can be adapted to a longer block of time.

Goal:

To help participants learn how to immobilize the following: closed radius/ulna fracture, closed tibia/fibula fracture, compound femur fracture, and jaw trauma.

Synopsis:

This curriculum helps participants learn how to immobilize the following: closed radius/ulna fracture, closed tibia/fibula fracture, compound femur fracture, and jaw trauma. They will familiarize themselves with the different types of splints and braces using hands-on activities and presentations. Participants will also learn how to perform spinal immobilization on a supine patient and spinal immobilization on a seated patient. They will learn how to accurately measure a cervical collar and logroll a patient. The lesson uses a slide presentation and integrates the Closed Fracture Trauma Manikin and/or the Splints and Braces Supply Pack into the lesson. Participants will also learn to develop patient focused care while working with these situations.

Curriculum Components:

- Teacher's guide – Complete lesson, including detailed steps of activities, time and materials needed, student handouts and instructor information to teach the lesson
- Student materials
- Assessment tools
- PowerPoint presentation slides

Learning Objectives:

Lesson 1: Joint and Long Bone

- Define open and closed fractures
- Demonstrate joint injury and splinting techniques
- Demonstrate how to immobilize a jaw injury
- Demonstrate immobilization and splinting of specific long bone fractures

Lesson 2: Spinal Immobilization

- Demonstrate how to measure a cervical collar
- Demonstrate how to logroll a patient
- Demonstrate spinal immobilization on a supine patient
- Demonstrate spinal immobilization on a seated patient