

# Introduction to Arterial Puncture

## Curriculum Overview

### Designed for:

- High school students
- Post-secondary students in health occupations courses
- Certified Nursing Assistant (CNA) training courses

### Length:

The activities in this curriculum will last approximately 1 to 1 ½ hours. With supplemental materials, this curriculum can be adapted to a longer block of time.

### Goal:

To help participants learn about blood draw using arterial puncture.

### Synopsis:

This curriculum helps participants learn about blood draw using arterial puncture. The lesson begins with activities that students may complete before the content is presented. Educators have a choice to review safety and/or an empathy activity focusing on patient-centered care to teach important nursing soft skills. The lesson uses a slide presentation and integrates the arterial puncture trainer to learn the proper procedure and documentation surrounding it. A brief quiz is included for assessment.

### 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:

- Identify guidelines for safe arterial puncture
- Discuss indications for arterial blood draws
- Demonstrate proper arterial puncture technique
- Explain how to document an arterial puncture