Course Healthcare
Section: Allied Health

James Rumsey Technical Institute

Phlebotomy Skills Simulation

What You Will Do

Learn the skills phlebotomists use such as patient identification, preparation, labeling, steady hand control, sanitation, and safe specimen handling without using needles.

This is a simulation only. No needles, blood draws, or skin punctures should be used.

Materials You Will Need

- Small cups or containers (sample tubes)
- Water with food coloring or juice
- Labels or sticky notes
- Marker
- Spoon, straw, eyedropper, or turkey baster
- Paper towels
- Gloves (optional)

What is Phlebotomy?

Phlebotomy is the medical practice of drawing blood from a patient, typically via venipuncture, for diagnostic testing, transfusions, donations, or research. Performed by trained phlebotomists, it is crucial for monitoring health conditions and treating specific diseases.

Part 1: Patient Check-In Simulation

Correct identification is one of the most important steps in phlebotomy.

1. Create 3 pretend patients.
2. Example:
   - Alex Smith – CBC test
   - Jordan Lee – Glucose test
   - Taylor Brown – Lipid panel
3. Write names on paper.
4. Match the correct patient name to the correct sample tube label.

Part 2: Steady Hand Transfer Challenge

Phlebotomists need steady hands and attention to detail.

1. Fill one cup with colored water (“blood sample”).
2. Use spoon, straw, or eyedropper to transfer liquid into labeled tubes.
3. Try not to spill. Your goal is to move liquid accurately and carefully.

Part 3: Labeling Accuracy Test

Mislabeling can cause serious mistakes.

1. Create labels with:
   - Patient Name
   - Date
   - Time
   - Test Type
2. Place labels on correct cups.

Part 4: Order of Draw Sorting Game

1. Use colored paper to represent different tube tops.
2. Sort tubes by order given by teacher/parent or simplified sequence.

Example:

- Blood culture
- Blue
- Red
- Green
- Lavender

Part 5: Infection Control Check

Write 5 steps a phlebotomist should follow:

Examples:

- Wash hands
- Wear gloves
- Clean workspace
- Use sterile equipment
- Dispose safely

Reflection Questions

- Why is patient identification so important?
- Why must labels be accurate?
- Why do phlebotomists need calm behavior?
- What could happen if samples get mixed up?