

## AIMS

To be able to safely conduct venepuncture and draw blood for testing

## DURATION

Full Day (6 hours)

## LEARNING OUTCOMES

By the end of this course, you will:

- Know the roles and responsibilities of staff performing venepuncture
- Understand the limitation of duties
- Recognise the importance of communication
- Know the anatomy and physiology of the circulatory system of the lower arm
- Be aware of the criteria of selecting a suitable site
- Know how to prepare the site ready for venepuncture
- Be aware of proper handwashing technique
- Be aware of the procedure of collecting blood samples
- Be able to collect samples in a training room environment
- Recognise common problems that can occur in blood collection
- Understand how to label samples correctly
- Know two common devices used in venepuncture, and how to use them
- Be aware of needle gauges, and their indications
- Understand how to correctly dispose of used equipment
- Know how to deal with a needle stick injury

## LESSONS AND TOPICS

### Venepuncture

- What is Venepuncture?
- Roles and Responsibilities
- The Laboratory
- Limitation of Duties
- Communication

### Personal Safety

- Protection
- Disposal of Used Equipment
- Needle Stick Injuries
- Flowchart for Accidental Exposure to High-Risk Body Fluids

### Anatomy

- Anatomy and Physiology
- Criteria for Choosing a Site
- Anatomical Considerations

### Practical Competency

- Equipment
- Identify the Patient
- Selecting a Site
- Hand Hygiene
- Disinfect the Entry Site
- Venepuncture
- Completing the Procedure
- Care of Samples - Storage and Transport
- Trouble shooting
- Accountability
- Labelling Bottles

### Preparing the Site

- The Clinical Status of the Patient
- Physiological Factors
- Skin Preparation
- Hand Washing

### Devices

- Monovette
- Vacutainer
- Needle Gauges