

PART I - ADVANCED PHLEBOTOMY

M01: Introduction:

Learning outcomes, Assumptions and Overview.

M02: Basic Phlebotomy - revision:

Recap of basic phlebotomy theory and practice - precursor to the advanced course.

M03: Specialised Advanced Phlebotomy Equipment:

Equipment and practices in unusual situations.

Patients with special needs and requiring specific attention.

Equipment preparation for blood samples that are collected at 0 degrees, 37 degrees C and other non-standard conditions.

A look at advances in technology and how to use the latest devices.

M04: Point of Care Testing:

What is POC Testing? Advantages, Disadvantages and Clinical Outcomes. Comparison of POC with lab testing. 10 common POC tests. Roles for phlebotomists performing POC Tests.

M05 Neonates and Children:

Sample collection from newborn to pre-adult. A detailed overview of legal principles of law including child consent and child protection for phlebotomists. Neonatal and child blood collection equipment.

A comprehensive look at heel and finger-prick procedures..

M06: Geriatric Patients:

The challenges of phlebotomy in older people. Understanding skin changes and venepuncture implications. A profile of common geriatric blood tests. Age related problems. Procedural precautions.

M07 Special Procedures

Special procedures relating to patient handling and sample handling. Drug trials and research projects.

M08 Special Tests and Sample Handling

A look at sample collection at specific times of day and night, samples that are protected from light, collected on ice and collected at body temperature. Procedures for each group.

M09 Peripheral (Advanced) Phlebotomy Tasks

A detailed look at advanced roles within a clinical environment including group leadership, data management, QA procedures and training.

M10 Alternative Environments

A step-by-step look at non-clinical phlebotomy environments.

PART II - CANNULATION

M11 Peripheral IV Cannulation - Introduction

Definitions - understanding terminology relating to PIVC. IV Therapy and NMC guidelines.

M12 Legal & Professional Responsibilities

Legal obligations and accountability. Criminal, Civil and Contractual law in healthcare. Vicarious Liability and your duty of care.

M13 Anatomy & Physiology

Sites appropriate to IV cannulation. Hand vs. arm.

Advantages and disadvantages of relevant veins.

An overview of Homeostasis and Fluid Balance.

M14 Hygiene and Infection Prevention Control (IPC)

Reducing healthcare-associated infections. Keeping Safe.

Bloodborne pathogens and work practice controls.

Standard Precautions. Waste disposal. Needle-stick injuries

M15 Indications and Advantages

When to cannulate, infusion types and benefits over alternative infusion routes. Continuous and intermittent infusion. Prophylactic use before procedures and in unstable patients. Contraindications.

M16 Equipment

Cannula types, sizes and colour coding. When to use appropriate size. Equipment overview for total procedure.

M17 Vein choice for cannulation

How and when to choose the right vein. Which veins to avoid. How to manage an unsuccessful cannulation.

M18 Procedures

Full procedure for cannulation including correct documentation.

M18: Pictorial guide to cannulation

M18: Video - Recap on full procedure

M19 Contraindications

When inappropriate to cannulate including patients with specific health conditions.

M20 Complications

A detailed look at potential complications during and after cannulation, including phlebitis, infections, petechiae and haematomas. Clinical signs and corrective actions.

HOME STUDY PACK

A home study pack is provided to you prior to completing the course and is an integral part of your learning programme.

Completion of this assignment is recommended before attending the course* and is designed to provide you with a basic knowledge of several fundamental subject areas.

Completion of this assignment will enable you to reach your target "learning time" to achieve an award of 3 credits.

* Post course completion is acceptable - please contact for further details