

**M01: Introduction, Modules and Learning Outcomes**  
Modules - overview, intended learning outcomes and course content.

**M02: Definitions**  
What do we mean by "neonatal" and "paediatric"?  
Defined age groups and usual puncture sites.

**M03: Why specialised training?**  
A look at the principle differences between adult and neonatal / paediatric phlebotomy and how they differ within 6 age group bands.

**M04: Consent Types and the Law (including Child Protection)**  
Basic principles of law - England, Scotland, Wales and N. Ireland. Consent and Mental Capacity Act. Parental responsibility and when parent responsibility is not legally valid. Your role in child protection.

**M04: Multiple Choice Questions**  
4 - 8 Questions

**M05: Psychology Part 1 (Human) and Psychology Part 2 (Environmental)**  
Distraction techniques. Effective positioning (including comfort positioning). Communication skills (for each age group). Emotional and physiological challenges.

**M05: Multiple Choice Questions**  
4 - 8 Questions

**M06: Pain Relief**  
A look at both non-pharmacological and topical analgesia for each age group

**M06: Multiple Choice Questions**  
4 - 8 Questions

**M07: Hygiene and IPC (Infection Prevention & Control)**  
Work practise controls and standard precautions. Pathogen types. Handwashing techniques.

**M07: Multiple Choice Questions**  
4 - 8 Questions

**M08: Equipment**  
A detailed look at both neonatal and paediatric equipment including capillary collection tubes, lancets, Guthrie card collection and micro-bottle types.

**M08: Multiple Choice Questions**  
4 - 8 Questions

**M09: Anatomy & Physiology**  
Infant A&P specific to age bands and vein development in both hands and arms. Deciding on appropriate site selection. Site advantages / disadvantages.

**M09: Multiple Choice Questions**  
4 - 8 Questions

**M10: Tests and Test Groups**  
Blood tests (new-born specific) including metabolic disorders and screening groups. Neonatal blood tests and paediatric blood tests.

**M10: Multiple Choice Questions**  
4 - 8 Questions

**M11: Site Selection and Procedures - Neonates**  
Heel and finger-prick selection and procedures (step by step) including capillary, micro-tube and Guthrie collection techniques.

**M11: Multiple Choice Questions**  
4 - 8 Questions

**M12: Site Selection and Procedures - Paediatric**  
Dermal puncture vs. venepuncture and dangers of over-collection. Step by step guides including selection of appropriate bottle types.

**M12: Multiple Choice Questions**  
4 - 8 Questions

**M13: Analytical Errors & Troubleshooting**  
Pre- and post-analytical errors (including hidden errors) specific to N&P blood collection.

**End: Certification**  
Immediately download a certificate of completion for this course. Your accredited certificate will be posted to you approx. 8 weeks after completion.

### Additional Information and Resources:

This course is designed to introduce you to both the theory and practical stages of **Neonatal and Paediatric blood collection**.

Most of these modules are also supplemented with a range of downloadable resource material (pdf files) which you may choose to use as additional learning aids and includes crossword and wordsearch puzzles to help you learn and memorise key facts.

Telephone and email support is available to you throughout this course if required.