PAEDIATRIC SPIROMETRY – CLINICAL REPORTING & INTERPRETATION

Introduction:

High-quality spirometry is only clinically valuable when it is interpreted accurately and reported clearly within the appropriate clinical context. In paediatric practice, this requires careful use of age-adjusted reference values and structured clinical reasoning.

This advanced, clinically focused programme is designed to build confidence and precision in the interpretation and reporting of paediatric spirometry in primary care. The course emphasises the construction of clear, structured clinical reports using Lower Limits of Normal (LLN) and Z-scores appropriately, ensuring interpretation is evidence-based and age-adjusted.

Participants explore alternative causes of wheeze, including exercise-induced bronchoconstriction, supporting balanced diagnostic reasoning and strengthening decision-making beyond asthma as a default diagnosis.

Aligned to ARTP standards and accredited by the CPD Standards Office (London), this programme supports the development of robust, clinically meaningful spirometry reporting within primary care.

Format:

- **Target Audience:** Primary care healthcare professionals responsible for interpreting and clinically reporting paediatric spirometry.
- **Delivery:** 3-hour live webinar plus structured eLearning pathway.
- **Access:** 12 months' unlimited access to all supporting eLearning materials.
- **Standards Alignment:** ARTP-aligned.
- **Accreditation:** CPD Standards Office *(London).*

Course Aim:

To develop the structured clinical reasoning and reporting skills required to interpret paediatric spirometry accurately and produce clear clinical reports in primary care.

Learning Objectives:

By the end of this programme, participants will be able to:

- Explain the role of predicted values, LLN and Z-scores in paediatric spirometry interpretation.
- Apply a structured approach to identifying normal and obstructive ventilatory patterns in children.
- Construct a clear, structured clinical spirometry report appropriate for inclusion in the patient record.
- Discuss alternative causes of wheeze in children and differentiate asthma from other potential diagnoses.
- Describe the role of spirometry in assessing exercise-induced bronchoconstriction within primary care.

Summary:

An advanced, primary care–focused programme designed to strengthen confidence in the clinical interpretation and reporting of paediatric spirometry.

Emphasis is placed on using Lower Limits of Normal (LLN) and Z-scores appropriately and constructing clear, structured clinical reports.

The course also explores alternative causes of wheeze, including exercise-induced bronchoconstriction, supporting balanced, evidence-based diagnostic decision-making in children.

ADULT SPIROMETRY – CLINICAL REPORTING & INTERPRETATION

Introduction:

An advanced, structured programme designed to strengthen confidence and precision in the clinical interpretation and reporting of adult spirometry in primary care. The course focuses on developing clinically meaningful, evidence-based reports using Lower Limits of Normal (LLN) and Z-scores appropriately, ensuring interpretation moves beyond percentage predicted values alone.

Participants learn to apply a clear, systematic approach to spirometry interpretation and to construct concise, structured clinical reports suitable for inclusion in the patient record. The programme explores patterns seen in asthma, COPD, bronchiectasis and restrictive lung disease, supporting clinicians in differentiating between common causes of breathlessness and recognising when spirometry findings require further investigation.

Grounded firmly in the realities of primary care practice, this course strengthens diagnostic accuracy and supports confident, balanced clinical decision-making in day-to-day respiratory care.

Format:

- **Target Audience:** Primary care healthcare professionals responsible for interpreting and clinically reporting adult spirometry.
- **Delivery:** 3-hour live webinar plus structured eLearning pathway.
- **Access:** 12 months' unlimited access to all supporting eLearning materials.
- **Standards Alignment:** ARTP-aligned.
- **Accreditation:** CPD Standards Office *(London).*

Session Aim:

To strengthen the clinical knowledge and structured approach required to interpret and produce clear, evidence-based clinical spirometry reports in adults within primary care.

Learning Objectives:

By the end of this programme, participants will be able to:

- Describe the principles underpinning spirometry interpretation using predicted values, Lower Limits of Normal (LLN) and Z-scores.
- Apply a structured approach to differentiate normal, obstructive and restrictive ventilatory patterns.
- Construct a clear, concise clinical spirometry report that integrates objective data with the clinical context.
- Differentiate between common causes of breathlessness including asthma, COPD, bronchiectasis and restrictive lung disease.
- Recognise when spirometry findings do not align with the clinical picture and identify appropriate next steps within primary care.

Summary:

An advanced, primary care–focused programme designed to strengthen confidence in the clinical interpretation and reporting of adult spirometry.

Emphasis is placed on the appropriate use of Lower Limits of Normal (LLN) and Z-scores, and on constructing clear, structured clinical reports that are clinically meaningful and evidence-based.

The course explores spirometry patterns seen in asthma, COPD, bronchiectasis and restrictive lung disease, supporting accurate differentiation of common causes of breathlessness in day-to-day primary care practice.