



Day Programme

The Certificate of Competence in Spirometry

Day 1

08h00 – 08h30 Registration and Introductions

08h30 – 09h00 Background Information and Course Overview

09h00 – 09h30 A General Overview of Spirometry

09h30 – 10h00 A Background to Spirometry and Spirometers

10h00 – 10h30 Normal & Abnormal Anatomy and Physiology and the Effects on Spirometry

10h30 – 11h00 Tea

11h00 – 11h30 Flows and Volumes in Spirometry

11h30 – 12h30 Spirometry Equipment Quality Control, Calibration and Verification

12h30 – 13h00 Practical - Calibration

13h00 – 13h30 Lunch

13h30 - 14h00 Preparing for Spirometry, Indications and Contra-Indications

14h00 – 14h30 Carrying out the Spirometry Procedure

14h30 – 15h30 Practical Client Preparation and Spirometry Procedure

15h30 – 16h00 Quiz 1 and Homework Requirements

Day 2

08h00 – 08h30 Practical Calibration and Calculations

08h30 – 09h00 Quiz 2

09h00 – 09h30 Review of Homework and Revising Concepts from Day 1

0930 – 10h00 Understanding the Spirogram

10h00 – 10h30 The Flow Volume Curve and Measurements of Spirometry

10h30 – 11h00 Spirometry Validation - Patient Data and Reference Values

10h30 – 11h00 Tea

11h00 – 12h00 Spirometry Validation - Acceptability and Repeatability

12h00 – 13h00 Practical Spirometry Session

13h00 – 13h30 Lunch

13h30 - 14h30 Spirometry Validation – Normal Values and Choosing the Best Test

14h30 – 15h30 Bronchodilator Testing

15h30 – 16h00 Quiz 3 and Homework Requirements

Day 3

08h00 – 08h30 Practical Session, Calibration and Testing

08h30 – 09h00 Quiz 4

09h00 – 09h30 Review of Homework and Revision of Concepts learned

09h30 – 10h30 Spirometry Validation – Recording and Reporting, Stats and Record Keeping

09h30 – 10h30 Spirometry Interpretation

10h30 – 11h00 Grading Spirometry

10h30 – 11h00 Tea

11h00 – 11h30 Hygiene, Infection Control and Safety Procedures

11h30 – 13h00 Case Studies

13h00 – 13h30 Lunch

13h30 - 14h30 Practical Session

14h30 – 15h30 Review Of All And Questions And Answer Session

15h30 – 16h00 Quiz 5 And Exam Discussion

Day 4

08h00 – 09h30 Theory Exam

09h30 – 16h00 Practical Exam