



Taking **action**
educating
people and
transforming
lives worldwide

Course information

Duration:

4 months

Delivery:

eLearning

supported by 1 study day &

1 assessment day

Assessment:

Practical assessment & portfolio

Validated by
The Open University
with 15 CATS points
at Academic Level 5



Association for Respiratory
Technology & Physiology
Breathing Inspiration and Quality into Respiratory Healthcare



education for health

Performing Quality Assured Spirometry Level 5 Module

Supporting your patients, improving your knowledge

This module has been designed for healthcare professionals responsible for performing and recording spirometry – a vital tool in the early and accurate diagnosis and measurement of COPD and other respiratory diseases.

It will equip you with the skills necessary to conduct spirometry testing safely, effectively and reliably, producing accurate and reproducible results that can safely be interpreted by another healthcare professional, and will enable you to assess your patients pre-test with confidence.

Delivered by eLearning and validated by The Open University, this course is developed with the Association for Respiratory Technology & Physiology (ARTP) and supported by the British Thoracic Society (BTS): when you successfully complete this module, you will be entered onto the ARTP National Register* at Foundation Level. The module includes a study and an assessment day that support your eLearning with informal lectures and practical sessions facilitated by expert practising clinicians.

You will learn

- Performance of dynamic lung volume
- Pathophysiology of lung disease
- Cleaning & equipment maintenance
- Flow and volume measuring using spirometer devices
- Trouble-shooting and pitfalls

By the end of the module you will be able to:

- Understand the relationship between pathophysiological changes and measurements
- Define and explain common terms in spirometry
- Identify the essential pre-test requirements & correct patient testing
- Obtain accurate lung function tests
- Recognise normal and abnormal patterns
- Emphasise the need for regular cleaning/maintenance and correct methods
- Compare the key different types of spirometer

Please note: Students will need unlimited access to spirometry equipment including a calibration syringe and spirometer for regular use. They will need to be able to show evidence of their ability to clean and disinfect the equipment as well as have regular access to a range of patients on whom they will perform the tests.

*Improving the quality of diagnostic spirometry in adults: The National Register of certified professionals and operators

Find out more . . .

Visit: www.educationforhealth.org Phone: 01926 838969

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The Open
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