SPIROMETRY TRAINING PROGRAMME: BECOME A PROGRAMME ORGANISER

Prof Brendan G Cooper
On behalf of ERS Spirometry Group
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WHY ATTEND THE COURSE?

• To run an ERS Approved Spirometry Training Course attending this training is essential.

• You will develop your teaching/training skills with world leaders in spirometry training.

• You will be learning with others from different countries but similar problems.

• These courses have traditionally been enjoyed by participants and are usually not just educational, but good fun too!

• The latest information on spirometry training will be delivered.

• The courses are interactive so you will find out exactly what you want to know.

• What you will learn will improve your skills and be applicable to all your training courses
WHAT WILL BE TAUGHT?

• Theory of teaching/training.
• Using role play
• Practical skills (using spirometry training examples)
• Real life examples/experiences
• How to assess trainees
• How to give feedback constructively
BENEFITS TO THE LEARNER

Learners will benefit by;

• Receiving instruction from highly experienced spirometry course trainers.
• Getting first hand experience and practice of the techniques being discussed (practical sessions)
• The training skills learned will be transferable to other areas of clinical training/teaching.
• They will learn with others who have experienced similar training problems and issues
LIST OF MODULES

Module 1 Anatomy, physiology and pathophysiology required for spirometry
Module 2 Definitions of Spirometric Values
Module 3 Spirometry Equipment
Module 4 Indications and Contraindications of Spirometry Testing
Module 5 Technique for performing spirometry
Module 6 Quality Assurance
Module 7 Evaluation of Spirometric Results
Module 8 Spirometry Service Management
STEPS REQUIRED TO DELIVER OWN TRAINING PROGRAMME

- Visit ERS Spirometry webpages and read appropriate articles in Breathe/ERJ.
- Register for the *Spirometry training programme: Become a programme organiser* which takes place during the annual ERS Congress.
- Prepare your application by building your Spirometry Course Team.
- Complete your application to become an ERS Spirometry Training centre.
o Guidelines for certification of ERS spirometry training programmes

o Course Director Responsibilities
GUIDELINES FOR THE CERTIFICATION OF ERS SPIROMETRY TRAINING PROGRAMMES
Guidelines for Certification

Offers all those following an ERS Spirometry training course information on

Section 1:
Duration of training
Optional training modules
An overview of Level I and Level II of certification

Section 2: Educational Experience
Educational Goals
Educational Materials
Educational Methods
Assessment Overview
Section 3: Organisation of the Training Programme
Roles and Trainer specifications for
Course Director
Course Instructors
Assistant Instructors

Section 4:
Guidelines on minimum numbers of training personnel
Mentoring students

Section 5: Venue Specifications
Guidelines for Certification

Section 6: Requirements for Specific Facilities
Including use of spirometers

Note: It is the responsibility of the course director to ensure the provision of spirometers for training, and that all spirometers used for training are in accordance with ERS/ATS 2005 Spirometry guidelines
New sections will include information for trainers on

- Equivalent Qualifications
- Recertification
- Assessment Guidelines
Course Director Responsibilities

- Responsible for scheduling of all training parts, including Part I, Spirometry Workbook and Part II.

- Ensure all necessary educational supports and resources required to deliver the course are available.

- Ensure suitable trainers are recruited for the course (as specified in the guidelines document).

- Oversee the registration process and application to ERS.

- Ensure that appropriate printed and electronic materials are available.
Course Director Responsibilities

✓ Communication is key to successful delivery of the training programme. Participants must receive all information related to the course as well as their access keys to the online educational materials and other important information.

✓ Review attendance and progress, and send to ERS office as required.

✓ Course evaluation procedures and feedback.

✓ Actively participate in the course through supervision of all faculty, and availability to answer questions which arise in lecture or practice sessions.
Assessment

Prerequisites and online modules

Part I
Spirometry Knowledge and Skills + online modules

Part II
Knowledge and competence in Spirometry Measurement

Spirometry Workbook + calibration logs and spirometry tests

1 Day Training Course?
Knowledge based test

European Spirometry Driving Licence Level I

1 Day Training Course?
Practical Assessment

European Spirometry Driving Licence Level II
Supporting Educational Tools

- A set of training guidelines for certification
- Standardised educational materials for trainers including presentations and other resources
- Assessment criteria including an online knowledge test and guidelines for practical assessment
- A spirometry website with supporting educational tools for trainers and participants
- A Spirometry train-the-trainer course programme which is mandatory for those wishing to become course directors
Educational Materials

Specific educational materials have been designed to support trainers deliver this European Spirometry Training Programme.
ERS Spirometry Website: All registered participants will be given access to this website. The website will include
- Online modules
- Supporting videos
- Test questions on each module
- Online knowledge test to be completed after Part I

Presentations for trainers: Core presentations and educational supports have been designed. This information must be used for training. Additional slides or information can be included by the individual trainers at the discretion of the course director.
ERS Spirometry Workbook: At the end of Part I of the training, participants will receive a workbook (also available on the ERS website) which will need to be completed with

- Background information
- Specific assignments in spirometry equipment, quality assurance, spirometry technique, spirometry results
- Calibration logs
- A portfolio of spirometry tests

Educational Materials for trainers: An example of a completed spirometry workbook will be available

Guidelines for marking the spirometry workbook will be provided
Educational Materials

Part II training materials:
- Case studies
- Classroom assignments for practical assessments

Educational Materials for trainers: Core presentations and educational supports have been designed. This information must be used for training

Guidelines for delivering practical hands-on sessions to assess participants competence
Assessment

☑️ Online Knowledge Test:
This test will be available to all participants after the course

They must complete the test within the time period allocated in the assessment guidelines

After successful completion of the test, participants must print a copy of their certificate. This certificate is a pre-requisite to continue to Part II
ERS Spirometry Workbook:
The objective of the workbook is to determine whether a course participant has gained sufficient competence in spirometry measurement.

All participants must meet the minimum criteria as indicated in the assessment guidelines.

The course director is responsible to oversee the assessment of workbooks.
Assessment

 ✓ Practical Assessment:
This assessment will take place during training day 2 – Part II knowledge and competence in measurement

The practical assessment must use the standardised documents provided by ERS

The course director is responsible to oversee the assessment of workbooks