



**KØBENHAVN
DANMARK**

ESDL

Del 1 d. 3. marts

Del 2 d. 6. oktober

2017



DANSK LUNGEMEDICINSK SELSKAB
DANISH SOCIETY OF RESPIRATORY MEDICINE

EUROPEAN SPIROMETRY DRIVING LICENCE



ERS EUROPEAN
RESPIRATORY
SOCIETY

every breath counts

EUROPEAN SPIROMETRY DRIVING LICENCE

Spirometry is the 'gold standard' for the lung function assessment, diagnosis, and follow-up of a variety of respiratory diseases, including asthma, chronic obstructive pulmonary disease (COPD), pulmonary emphysema, and interstitial lung disease. This course is intended to let the participants gain increasing competency and skills in practicing high quality spirometry. Upon the completion of the whole programme, participants will be granted with European Spirometry Driving Licence (ESDL).

European Respiratory Society (ERS), through the HERMES project (Harmonise Education in Respiratory Medicine for European Specialists) suggests initiatives - such as the ESDL - in order to optimize and disseminate the current knowledge and application of the spirometry examination.



The course will consist of two modules. The first module will adopt a more theoretical approach, while the second will be more practical-oriented, ending with an individual assessment. In between an on-line test as well as a work-book has to be performed.

Faculty

Flemming Madsen, Allergi og Lungeklinikken Helsingør, Helsingør, Denmark
Birgitte Hanel, Dansk Lungefunktionslaboratorium, Copenhagen, Denmark
Jann Mortensen, Rigshospitalet, Copenhagen, Denmark
Kirsten Sidenius, Allergi og Lungeklinikken Helsingør, Helsingør, Denmark

Teachers

Faculty members plus
Maibritt Christensen, Odense Universitetshospital, Odense, Denmark
Mathias Munkholm, Copenhagen, Denmark

Target audience

Nurses, physiotherapists, biomedical scientists, respiratory function technologists, general practitioners, trainees, medical assistants, respiratory technicians

Venue

Strødamvej 52, 2100 Copenhagen Ø, Denmark

ESDL Step-by-step

ERS (European Respiratory Society) Spirometry Training Programme Copenhagen 2017

This page provides a step-by-step guide to complete the European Spirometry training programme.

PART 1 and the ONLINE KNOWLEDGE TEST

Step 1: Attend the postgraduate course and educational skills workshop in Copenhagen March 3rd 2017

Those who have registered to attend the course will one month prior to Part 1 receive a unique access code to the ERS spirometry website; the code is valid for 12 months. The website is designed to help all participants prepare for the ERS spirometry training programme. The content follows each of the modules within the course covering important background information on spirometry.

Step 2: Online test

Each participant will receive a link to the online knowledge test after attending the postgraduate course and workshop. Participants will be expected to complete the online MCQ test within 4 weeks of attending the course and will have a total of 3 attempts to complete the test. All participants will be given access to the ERS spirometry website. On this website, participants will have access to content for each of the 8 modules, as well as access to an online knowledge test in English.

Step 3: ERS certificate: Part 1 of the ERS spirometry driving licence

Upon successful completion of the test, participants can generate an online certificate to confirm that they have passed the knowledge test and have been awarded Part 1 (theory only) certificate of the ERS spirometry driving licence.

ERS SPIROMETRY WORKBOOK

All participants must fully complete the ERS spirometry workbook before attending Part 2 of the European Spirometry training programme.

PART 2 PRACTICAL TRAINING AND ASSESSMENT

Participants will be required to attend Part 2 of the training programme, which will be held in Copenhagen October 6th 2017. This course will cover modules in knowledge and competence in spirometry measurement. Details on how to register will be given after Part 1.

Those who successfully pass the practical assessment and ERS workbook will be awarded Part 2 of the ERS Spirometry Driving Licence (ESDL), knowledge and competence in spirometry measurement.

*For more information on the European Spirometry Training Programme please visit
<http://hermes.ersnet.org/spirometry>*

Spirometry knowledge and basic skills

(European spirometry training programme – Part 1)

Friday, March 3rd 2017 10:00-18:30

Copenhagen, Denmark

***Aims:** The aim of Part 1 “Spirometry Knowledge and Skills” is to ensure that participants acquire the knowledge and basic skills in spirometry best practice. The training programme is designed to cover the theory required to pass the Level I knowledge test and equip participants with the skills needed to perform spirometric tests and successfully complete a Spirometry workbook, including spirometry assignments, calibration logs, and a portfolio of spirometry tests.*

LECTURES

10:00 Introduction

F. Madsen and B. Hanel

10:10 Anatomy, physiology and pathophysiology required for spirometry: short summary

J. Mortensen

10:30 Definitions of spirometric values: short summary

B. Hanel

11:10 Spirometry equipment

J. Mortensen

11:45 Break

12:05 Indications and contraindications of spirometry testing

M. Munkholm and J. Mortensen

12:15 Quality assurance theory

F. Madsen

12:30 Evaluation of spirometric results

K. Sidenius and J. Mortensen

13:15 Lunch

14:00 Overview of part II, completion and submission of the ERS spirometry workbook.

F. Madsen

WORKSHOP PROGRAMME

14:30 Introduction to EDUCATIONAL SKILLS WORKSHOP

B. Hanel and J. Mortensen

The EDUCATIONAL SKILLS WORKSHOP will run simultaneously and participants will be divided into 4 groups and rotate workshops

Workstation 1 - Spirometers – demonstration of how different types of spirometers work and how to clean and maintain them

J. Mortensen and experts of applications

Workstation 2 - Evaluation of spirometric results: review spirometry results through case studies

K. Sidenius

Workstation 3 – Spirometry - how to perform a spirometric test, implement safety measures, and select the best values

B. Hanel and M. Munkholm

Workstation 4 - Calibration and quality control - how to calibrate different devices and perform biological control procedures

F. Madsen and M. Christensen

14:40 Educational skills workshop

15:30 Educational skills workshop

16:15 Break

16:30 Educational skills workshop

17:20 Educational skills workshop

18:05 Round off and sandwich

18:30 Departure

Knowledge and Competence in Spirometry Measurement (European Spirometry Training Programme - Part 2) Friday, October 6th 2017, 10:00-19:00 Copenhagen, Denmark

Target audience:

Those who completed:

Training course on spirometry knowledge and basic skills – Part 1

ERS spirometry online knowledge test

The ERS spirometry workbook

LECTURES

10:00 Welcome and introduction

F. Madsen and B. Hanel

10:15 Technique for performing spirometry

B. Hanel

WORKSHOP PROGRAMME

10:45 Introduction to EDUCATIONAL SKILLS WORKSHOP

B. Hanel and J. Mortensen

The 4 EDUCATIONAL SKILLS WORKSHOPS will run simultaneously and participants will be divided into 4 groups and rotate workshops

Workstation 1- Spirometry Equipment - Module 3

J. Mortensen and experts of applications

Review of workbook assignments

Workstation 2 - Evaluation of Spirometric Results - Module 7

K. Sidenius

Small group with hands-on learning and case-study presentations

Use of educational materials and workbooks to evaluate spirometric results

Workstation 3-Technique for performing spirometry - Module 5

B Hanel and M. Munkholm

Administer spirometric tests

Prepare equipment

Practice testing technique

Recognise pitfalls of spirometry and methods to improve testing technique

Recognition of improperly performed manoeuvres

Workstation 4 - Quality Assurance and Infection Control - Module 6

F. Madsen and M. Christensen

Lectures and use of handout

Problem-solve issues relating to calibration and verification

Calibration and verification check of equipment

Recognition of abnormal traces due to technical or patient errors

SCHEDULE FOR WORKSHOPS

10:55 Educational skills workshop

11:45 Educational skills workshop

12:35 Lunch

13:20 Educational skills workshop

14:10 Educational skills workshop

15:00 Coffee break

LECTURES

15:15 Spirometry Service Management - Module 8

F. Madsen

Understand the importance of keeping all results stored safely and accessible to health care users

Perform and records infection control procedures

Perform and records quality control procedures

Awareness of audit processes and self-assessment of the spirometry service to ensure sufficient clinical skills are maintained and quality is upheld

Plan and ensure consumables for spirometry service (mouthpieces, nose-clips, paper) and ensures routine maintenance of equipment

15:45 Final questions and answers session

Faculty

16:00 Coffee break

PRACTICAL ASSESSMENT

16:15 Assessment of competence in Spirometry practice

Chair: F. Madsen

All faculty

Individual assessment: review of complete ERS Spirometry workbooks

Each participant will complete the practical assessment (30 minutes per participant - more assessments will be performed simultaneously)

19:00 Departure

Sted

Strødamvej 52, 2100 København Ø, Danmark

Pris

1.000 kr. for Del 1 inkl. frokost og kaffe

1.000 kr. for Del 2 inkl. vurdering af workbook, frokost og kaffe

Tilmelding til og betaling for Del 1

For at tilmelde sig sendes en e-mail med titlen "Tilmelding til ESDL Del 1" i emnefeltet til koordinator Lotte Vester på

lotte.vester@boehringer-ingelheim.com med følgende oplysninger:

Navn, uddannelse, stilling, arbejdsplads, e-mail, telefon/mobil nummer.

Desuden en kort beskrivelse (2-3 linjer) af din erfaring med spirometri (evt. blot et samlet antal selvstændigt udførte spirometrier) eller planer herom.

Du vil senere få oplysning om optagelse på kurset samt vejledning om betaling.

Tilmelding til og betaling for Del 2

Tilmelding til Del 2 kan kun ske for de kursister, der har gennemført Del 1 og har bestået den efterfølgende online test. Herefter vil de pågældende kursister blive tilbudt Del 2 med vejledning om tilmelding og betaling for dette.

Øvrige spørgsmål

Send e-mail til koordinator Lotte Vester på lotte.vester@boehringer-ingelheim.com med titlen "ESDL" i emnefeltet.

Hjemmeside

Kurset annonceres på Dansk Lungemedicinsk Selskabs (DLS) hjemmeside www.lungemedicin.dk

Sprog

Selve undervisningen og kommunikationen under kursus vil foregå på dansk.

Skiftligt undervisningsmateriale inkl. hovedparten af lysbilleder, program og online test (efter Del 1) er på engelsk, da det er et ERS (European Respiratory Society) godkendt kursus med tilhørende undervisningsmateriale og tests.

Workbook og afsluttende eksamen efter Del 2 kan, efter kursistens ønske, være på dansk eller engelsk.

Sponsorer for ESDL København 2017



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