

PAVIA ITALY

January, 20<sup>th</sup>-21<sup>th</sup> 1<sup>st</sup> Module

June, 18<sup>th</sup> 2<sup>nd</sup> Module



# EUROPEAN SPIROMETRY DRIVING LICENCE



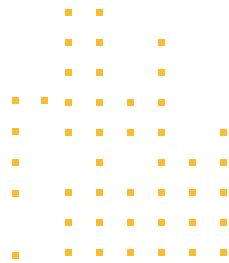
SOCIETÀ ITALIANA  
di MEDICINA  
RESPIRATORIA

2016



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# EUROPEAN SPIROMETRY DRIVING LICENCE



After the successful 2015 II edition, we are glad to announce that ESDL will continue in 2016 with a second edition. As usual, the course will be made up by two modules. The first module will adopt a more theoretical approach while the second will be more practical-oriented.

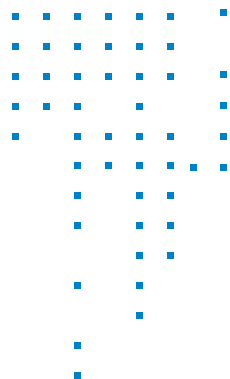
According to the international guidelines, the correct diagnosis and the treatment of the most important and common respiratory diseases needs the support of the spirometric examination. It is acknowledged that best practice in treating asthma and COPD is often bad-achieved because of the under-diagnosis and the not uniform guidelines application in the daily clinical best practice.

Thus the 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 correct knowledge and application of the spirometry examination.

Spirometry is the 'gold standard' for the lung function assessment, diagnosis, and follow-up of a variety of respiratory disease, including asthma, chronic obstructive pulmonary disease (COPD), pulmonary emphysema, and interstitial lung disease. This course made of by two competence levels, is intended to gain competency and skills in practicing high quality spirometry. Upon the completion of both levels, participants will be granted with Level I and II European Spirometry Driving Licence certification.

## Faculty

Giovanni **Barisione** (Genova, Italy)  
Vito **Brusasco** (Genova, Italy)  
Felipe **Burgos** (Barcellona, Spain)  
Isa **Cerveri** (Pavia, Italy)  
Nicola **Ciancio** (Catania, Italy)  
Angelo Guido **Corsico** (Pavia, Italy)  
Giuseppe **Di Maria** (Catania, Italy)  
Carlo **Lombardi** (Brescia, Italy)  
Mantlio **Milanese** (Pietra Ligure - SV, Italy)



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**Mandatory requirements to be able to attend the course:**

- 1 To send a Europass CV to the organizing secretariat
- 2 To have a very good knowledge of scientific written English
- 3 To hold a computerized spirometer with minimum requirement as required in the joint paper ARS/ATS (Miller M.R. et al. Standardization of Spirometry (ERJ, 2005), namely:
  - ▶ To be able to perform, memorize and print the volume calibration and the linearity check at different flows
  - ▶ To be able to perform, memorize and choose the best spirometric data.
- 4 Participants are required to make a workbook in which must be inserted – besides the basic pieces of information of their own laboratory – a series of calibrations, linearity check and spirometric tests. Those must be done in accordance to the ERS/ATS guidelines. The workbook-making is mandatory in order to access the II module
- 5 Only attendance and get over of both modules will result in obtaining the ESDL.

Please find below the procedure of the Course:

## A 1<sup>st</sup> Module

**The first module** is mainly theoretical and aims to provide knowledge of basic skills to make a correct spirometry. At the conclusion of this phase, participants will need to demonstrate through an on-line test to have acquired the training contents.

In the interim between the first and the second module, participants will need to complete the "**spirometry workbook**". The scientific work has to be sent on-line to the Faculty **at least 30 days before the beginning of Part II.**

## B 2<sup>nd</sup> Module

**The second module** is a purely practical setting where the class will be divided into small working groups with practical exercises. The course will end with a final exam, which includes the evaluation of the "spirometry workbook" posted online, and the execution of a spirometry.

**The Course will end with a final exam, which includes the evaluation of the Spirometry Workbook posted on-line, and the execution of a spirometry.**

**All the participants who will pass the final evaluation exam will get the European Spirometry Driving Licence.**

# EUROPEAN SPIROMETRY DRIVING LICENCE

## 1<sup>st</sup> Module

PAVIA ITALY  
January, 20<sup>th</sup>-21<sup>th</sup>

# 2016

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In the interim between the first and the second module, participants will need to complete the **"spirometry workbook"**. The scientific work has to be sent on-line to the Faculty **at least 30 days before the beginning of Part II.**

## January 20<sup>th</sup>, 2016

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13.00 *Lunch*

14.00 Introduction - F. Burgos, I. Cerveri, A.G. Corsico

14.15 Anatomy physiology knowledge required for spirometry

G. Di Maria

14.40 Definition of spirometric values

N. Ciancio

15.15 *Break*

15.30 Spirometry equipment

G. Barisione

16.00 Indications and contraindications of spirometry testing

M. Milanese

16.30 Spirometry technique and quality assurance

A.G. Corsico

17.00 Discussion, Q&A

17.30 End of the first day

## January 21<sup>th</sup>, 2016

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09.30 Spirometry equipment & spirometry technique: small groups hand-on session  
*Trainers:* G. Barisione, N. Ciancio, A.G. Corsico, M. Milanese

12.30 *Lunch*

13.30 Playing of a spirometry test with the help of a short video

A.G. Corsico

14.45 Evaluation of spirometric result (1<sup>st</sup> PART)

V. Brusasco

15.45 *Break*

16.00 Evaluation of spirometric result (2<sup>nd</sup> PART)

V. Brusasco

17.00 Overview of level II ERS submission to the spirometric result

F. Burgos

17.30 Discussion, Q&A

18.00 End of PART 1

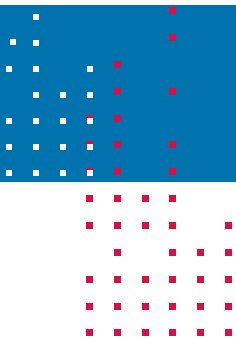
# EUROPEAN SPIROMETRY DRIVING LICENCE

## 2<sup>nd</sup> Module

PAVIA ITALY  
June, 18<sup>th</sup>

2016

**The second module** is a purely practical setting where the class will be divided into small working groups with practical exercises. The course will end with a final exam, which includes the evaluation of the "spirometry workbook" posted online, and the execution of a spirometry.





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June 18<sup>th</sup>, 2016

08.30	Welcome and introduction	F. Burgos, I. Cerveri
08.45	Spirometry equipment	N. Ciancio
09.30	Technique for performing spirometry	V. Brusasco
<i>10.15</i>	<i>Break</i>	
11.00	Quality assurance	A.G. Corsico
12.30	Evaluation of spirometric results	M. Milanese
12.30	Spirometry service management	G. Barisione
<i>12.45</i>	<i>Lunch</i>	
13.45	Individual discussion of the ERS spirometry workbook and assessment of competence in spirometry practice	The whole Faculty
17.45	End of the course and CME module completion	



## VENUE

Fondazione IRCCS  
Policlinico San Matteo  
SC Pneumologia (Padiglione Fortanini)  
Viale Camillo Golgi, 19  
27100 PAVIA

## CHAIRMAN

Angelo Guido Corsico (Pavia, Italy)

## ORGANISING COMMITTEE

Vito Brusasco (Genova, Italy)

## CONTINUING MEDICAL EDUCATION

CME ID Number: 3762-143976

Number of credits assigned: 18

The present event has been accredited for the following professions:

Profession:

**Medical Doctor, Nurse, Bachelor of Science,  
Physiotherapist, Neuropathophysiology Technician**

Medical Doctor specialties: *Allergology and Clinical Immunology, Pulmonologist, Internal Medicine,  
General Medicine (Primary Care Doctor), Sports medicine, Occupational Medicine*

## ORGANISING SECRETARIAT

**net** Congress &  
Education

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