

# INNOVATIVE AND INTERACTIVE COURSE IN LUNG AND THORACIC ULTRASONOGRAPHY

## Programme

**Friday, 10<sup>th</sup> of July 2015**

**9 to 9:15 INTRODUCTION:** Explanation of targets and presenting the outline of the course

*Lavinia Davidescu, Oradea, Ruxandra Ulmeanu, Oradea-Bucuresti*

**9:15 to 9:45 THE LUNG ANATOMY**

*Edith Ianosi, Tg. Mures, Marilena Crisan, Oradea*

**9:45 to 10:30 THE BREATHING PHISIOLOGY AND PHISIOPATHOLOGY**

*Lavinia Davidescu, Oradea, Dana Olar, Arad*

**10:30 to 11 Coffee Break**

**11 to 12 LUNGS AND PLEURA IMAGING:** Chest Xrays, CTs, MRIs, PETs  
*Oreste Straciuc, Oradea*

**12 to 12:30 PRACTICAL ISSUES FOR CLINICIANS:** when is necessary transthoracic ultrasound in pleural effusions?

*Ruxandra Ulmeanu, Oradea-Bucuresti, Beatrice Mahler, Bucuresti*

**12:30 to 13 ULTRASOUND TECHNOLOGY AND TEHNIQUES**

*Zeno Sparchez, Cluj-Napoca*

**13 to 14 Lunch Break**

**14 to 18:30 HANDS ON:** The session takes place at the *Clinical Municipal Hospital of Oradea* in the Pneumology Department

**Saturday, 11<sup>th</sup> of July 2015**

**9 to 13 HANDS ON:** The session takes place at the *Clinical Municipal Hospital of Oradea* in the Pneumology Department

**13 to 14 Lunch Break**

**14 to 14:30 THE LIMITATIONS OF LUNG SONOGRAPHY**

*Nicolae Rednic, Cluj-Napoca*

**14:30 to 15 THE SONOGRAPHIC DETECTION OF B-LINES IN PATIENTS WITH NORMAL LUNGS**

*Zeno Sparchez, Cluj-Napoca*

**15 to 15:30 THE LUNG'S ULTRASOUND RELEVANCE IN THE DIAGNOSIS OF ACUTE RESPIRATORY FAILURE**

*Adela Golea, UPU Cluj-Napoca*

**15:30 to 16 THE ULTRASONOGRAPHIC PROTOCOLS OF RESPIRATORY EMERGENCIES**

*Adela Golea , UPU Cluj-Napoca*

**16-16:30 Coffe Break**

**16:30 to 18 CLINICAL CASES**

*Zeno Sparchez, Nicolae Rednic, Adela Golea, Cluj-Napoca;  
RuxandraUlmeanu, Oradea-Bucuresti, Beatrice Mahler, Bucuresti;  
Edith Ianosi, Tg. Mures;  
Lavinia Davidescu, Gogu Dragnea , Oreste Straciuc, Oradea*

**18 to 18:30 QUIZ**

**18:30 to 19 COURSE EVALUATION QUESTIONNAIRE**

**19-19:30 DISCUSSIONS**

*Proposal to organize a Working Group of Romanian Society of Pneumology, for lung and thoracic ultrasonography*