# 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 11Coffee 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