ENDOSCOPY Workshop - A JOURNEY in BRONCHOLOGY

8-9th of May, 2020, Cluj-Napoca

Course director: Mărioara Simon, Doina Todea

**Guest Faculty**

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Workshop program DAY 1

,,Introduction in flexible bronchoscopy ”

Objectives

- to be aware that flexible bronchoscopy is very important in everyday pulmonologist practice

- to be able to recognize and identify the anatomy of the airway

- to be able to intubate the patient with flexible bronchoscope

- to know the segmentation of the bronchi and to be able to do step by step bronchoscopy

- to have knowledge about bronchoscopy techniques

- to be able to demonstrate how to clean the fibroscope after procedure

Programm

8.30- 9.00 Introduction

9.00- 9.15 The anatomy of the airways and relationships

9.15 - 9.45 Bronchoscopic Inspection: Airway Inspection – Basic Bronchoscopy

9.45 -10.00 Pre Bronchoscopy Evaluation, Indications, Complications

10.00-10,30 Prevention and Management of Complications

10.30-11.00 Break

11.00-11.30 Bronchoscopy in special population

11.30-12.00 Bronchoscopy techniques: Biopsy, Transbronchial biopsy, BAL

12.00-12.30 Interactive true/false session

12.30-13.00 Evaluation of Central Airway Obstruction

13.00-14.00 Lunch

14.00- 15.30 Small group interactive discussions

1. Anatomy and relationships of the airway , Bronchoscopy step by step - video
2. Practical Approach
3. Informed consent

15.30- 17.30 Hands-on

1. Step by step anatomy hands-on

2 . Flexible bronchoscopy intubation

3. Bronchoscopy techniques hands –on

4. Rigid Intubation

17.30 Feed-Back, discutions, Photo

Workshop in Interventional pulmonology

**DAY 2**

Objectives:

* To know nodal and vascular mediastinal anatomy
* To know EBUS/CT corellations
* To know indications, complications of EBUS
* To Know step by step EBUS-TBNA
* To be able to communicate with nurses and to handling and processing EBUS specimen
* To know how to use cryoprobe, APC, Electrocautery

07:30 – 08:00 Welcome, registration and Orientation

08:00 – 08: 30 Mediastinal Anatomy and staging of lung cancer

08:30 – 09:00 EBUS – CT corelations

09:00 - 09:30 EBUS Indications, complications, practical landmarks

09:30 - 10:00 EBUS phisics, artefacts and Clinical Case

10:00 - 10:30 EBUS-TBNA technique and smear preparation

10:30 – 11:00Interactive session: EBUS-TBNA Q/A session

11.00 - 11.30 Criobyopsy in Interstitial lung disease- a practical approach

11:30 – 12:00 APC and electrocautery Indications and practical approach

12:00 – 13:30 Small group interactive discussions

1. Mediastinal anatomy: EBUS-CT- Bronchoscopy correlations
2. EBUS mediastinal lymph node maping interactive video session
3. EBUS processor knobology, EBUS bronchoscope & needle anatomy
4. EBUS specimen: handling and processing in the bronchoscopy lab
5. EBUS-TBNA: step-by-step
6. EBUS –TBNA practical approach or EBUS case 3- based small group discussion

13:30 -14:30 LUNCH

14:30 – 17:00 Hands-on

1. EBUS-TBNA step by step

2. EBUS-TBNA practice on Symbionix

3. EBUS-TBNA practice on Symbionix

4 Criobiopsy , APC, Electrocautery

17:00- 17:30 Questions, feedback from the participants, photo