



HIBRID ENDOSCOPY Workshop „ A JOURNEY in BRONCHOLOGY”

21-22<sup>th</sup> of May, 2021, Cluj-Napoca

Course director: Mărioara Simon, Doina Todea

**Guest Faculty**

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Workshop program

## **DAY 1 ON-LINE presentation**

„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

### Program

8.30- 9.00 Introduction

9.00- 9.15 The anatomy of the airways and relationships

9.15 - 9.45 Bronchoscopic Inspection: Airway Inspection

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- 17.30 Workshop in Interventional pulmonology

### **ON-LINE presentation**

#### **DAY 1**

#### Objectives:

- To know nodal and vascular mediastinal anatomy

- To know EBUS/CT correlations
- 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

14:30 – 15:00 Mediastinal Anatomy and staging of lung cancer

15:00 – 15:30 EBUS – CT correlations

15:30 – 16:00 EBUS Indications, complications, practical landmarks

16:00 - 16:30 EBUS physics, artefacts and Clinical Case

16:30 - 17:00 EBUS-TBNA technique and smear preparation

17:00 - 17:30 Interactive session: EBUS-TBNA Q/A session

17.30 Feed-Back, discussions

DAY 2

09.00- 13,00

HAND-ON 3 station - 3 learners /hour

Station 1:

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

Station 2 Hands-on

Step by step anatomy hands-on and Flexible bronchoscopy intubation

Station 3 Bronchoscopy techniques hands –on

13:00- 14:00 Lunch

14:00 – 17:30 HAND - ON

### Station 1

1. Mediastinal anatomy: EBUS-CT- Bronchoscopy correlations and EBUS mediastinal lymph node mapping i video session
2. EBUS processor knobology, EBUS bronchoscope & needle anatomy

### Station 2

1. EBUS specimen: handling and processing in the bronchoscopy lab
2. EBUS-TBNA: step-by-step
3. EBUS –TBNA practical approach

### Station 3

EBUS-TBNA practice on Symbionix Hands-on

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