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ASSOCIAZIONE ΙΤΑΙΙΑΝΑ PNEUMOLOGI OSPEDALIERI



TRANSBRONCHIAL CRYOBIOPSY **IN DIFFUSE** PARENCHYMAL LUNG DISEASE 7<sup>th</sup> edition

> 18<sup>th</sup> September 2020



# TRANSBRONCHIAL CRYOBIOPSY IN DIFFUSE PARENCHYMAL LUNG DISEASE 7<sup>th</sup> edition

### RATIONALE

The diagnostic work-up of diffuse parenchymal lung disease needs identification of the morphological aspects in a significant minority of patients. Surgical lung biopsy is considered the most efficient method to reach the goal so far. However it is associated to a significant incidence of morbidity and mortality mainly when the definite diagnosis will be Idiopathic Pulmonary Fibrosis (IPF) or in elderly.

Transbronchial cryobiopsy is a new bioptic approach in subjects with diffuse parenchymal lung disease that is gaining consideration in the scientific community. Its safety profile is significantly better than that of surgical lung biopsy and its sensitivity and specificity appear very good especially in patients with IPF. Recent studies and documents have defined, at least in part, modalities by which cryobiopsies should be taken out, its safety profile and the clinical role of this technique in the diagnostic work-up of patient with diffuse parenchymal lung disease.

In this Course the technical aspects of transbronchial cryobiopsy, recommended standards of the technique, its diagnostic role will be presented and discussed.

Venerino Poletti, Stefano Gasparini



### 18<sup>th</sup> September 2020

### **FAD SINCRONA** COURSE HELD AS LIVE WEBINAR VIA MULTIMEDIA PLATFORM

**Katerina Antoniou** Associate Professor of Respiratory Medicine University of Crete, Heraklion - GR

**Martina Bonifazi** Associate Professor of Respiratory Medicine Università Politecnica delle Marche, Ancona - IT

**Marco Chilosi** Professor of Pathological Anatomy University of Verona, Verona - IT

**Thomas V. Colby** Emeritus Professor Department of Laboratory Medicine and Pathology Mayo Clinic Arizona, Scottsdale, AZ - USA

**Claudio Doglioni** Professor of Pathological Anatomy Università Vita-Salute San Raffaele, Milano - IT

**Alessandra Dubini** Medical Doctor Department of Pathological Anatomy AUSL della Romagna – Ospedale G.B. Morgagni - L. Pierantoni, Forlì - IT

**Giuseppe Failla** Chief of Interventional Pulmonology Department Azienda Ospedaliera di Rilievo Nazionale A. Cardarelli, Napoli - IT

**Stefano Gasparini** Professor Department of Biomedical Sciences & Public Health Università Politecnica delle Marche, Ancona - IT

Jurgen Hetzel Professor Department of Respiratory Medicine University of Tubingen, Tubingen - D

## 18<sup>th</sup> September 2020

### **FAD SINCRONA** COURSE HELD AS LIVE WEBINAR VIA MULTIMEDIA PLATFORM

# **FACULTY**

### Naftali Kaminski

Professor of Internal Medicine, Chief of Pulmonary, Critical Care and Sleep Medicine Department of Medicine, Yale School of Medicine, New Haven, CT - USA

### Venerino Poletti

Chief of Respiratory and Thoracic Diseases Department AUSL della Romagna – Ospedale G.B. Morgagni - L. Pierantoni, Forlì – IT; Professor Department of Respiratory Diseases and Allergy Aarhus University Hospital, Aarhus – DK

### Silvia Puglisi

Medical Doctor Department of Respiratory and Thoracic Diseases AUSL della Romagna – Ospedale G.B. Morgagni - L. Pierantoni, Forlì – IT

### Claudia Ravaglia

Medical Doctor Department of Interventional Pulmonology AUSL della Romagna – Ospedale G.B. Morgagni - L. Pierantoni, Forlì – IT

### Sara Tomassetti

Associate Professor of Respiratory Medicine Università degli Studi di Firenze, Firenze - IT

### Athol U. Wells

Professor of Respiratory Medicine Royal Brompton Hospital, London - UK

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### **I SESSION: BASIC SCIENCE**

Chairperson: V. Poletti

| 08.30-08.50 | Gene regulatory changes in IPF                             | N. Kaminski |
|-------------|--|-------------|
| 08.50-09.10 | COVID-19 pathogenesis and links with<br>pulmonary fibrosis | M. Chilosi  |
| 09.10-09.30 | Immune check points in IPF and lung cancer                 | C. Doglioni |
| 09.30-09.50 | Mithocondrial disfunction and ILDs                         | K. Antoniou |
| 09.50-10.30 | Interactive Online discussion                              |             |

### II SESSION: CLINICAL/RADIOLOGIC/PATHOLOGIC CORNER

Chairpersons: A. Dubini, C. Ravaglia

| 11.00-11.20 | Progressive fibrosing phenotype in ILDs     | A. Wells   |
|-------------|---|------------|
| 11.20-11.40 | Transbronchial cryobiopsy: pathology update | T.V. Colby |
| 11.40-12.00 | Interactive Online discussion               |            |

### **III SESSION: CRYOBIOPSY**

Chairperson: G. Failla
12.00-12.20 Technical update S. Gasparini
12.20-12.40 Complications S. Puglisi
12.40-13.00 Interactive Online discussion
LECTURE

| 14.00-14.20 | IPF and progressive fibrosing ILDs: |             |
|-------------|-------------------------------------|-------------|
|             | treatment update                    | C. Ravaglia |

### **IV SESSION: GUIDELINES**

Chairpersons: S. Puglisi, S. Tomassetti

| 14.20-14.50 | Guidelines & Ongoing Guidelines Projects    | V. Poletti             |
|-------------|---|------------------------|
| 14.50-15.10 | Diagnostic impact & Prognostic impact       | S. Tomassetti          |
| 15.10-16.40 | Online connection with procedures and       |                        |
|             | discussion                                  | M. Bonifazi, J Hetzel, |
|             |   | V. Poletti, S. Puglisi |
| 16 40-17 30 | Interactive Online discussion and conclusio | n V Poletti            |

SOCIETÀ SCIENTIEICA CERTIFICATA LINI EN SOCIELA SCIENTIFICA CERTIFICATA UNI EN ISO 9001:2015 PER LA PROCETTAZIONE, GESTIONE ED EROGAZIONE DI EVENTI FORMATIVI E CONGRESSI NELL'AMBITO SANITARIO E NELL'EDUCAZIONE CONTINUA IN MEDICINA (IAF37) Certificato TÜV Italia N. 501004504 - Rev. 008



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AIPO ASSOCIAZIONE PNEUMOLOGI OSPEDALIERI

0.5075 VDARD

PROVIDER ECM n ACCREDITATO STAN

AIPO DICHIARA CHE LE ATTIVITÀ ECM SONO SVOLTE IN MANIERA AUTONOMA ASSUMENDOSI LA RESPONSABILITÀ DEI CONTENUTI FORMATIVI, DELLA QUALITÀ SCIENTIFICA E DELLA CORRETTEZZA ETICA DI DETTE ATTIVITÀ

### **CHAIRS**

Venerino Poletti

Department of Respiratory and Thoracic Diseases AUSL della Romagna - G.B. Morgagni - L. Pierantoni Hospital, Forlì - IT Department of Respiratory Diseases and Allergy - Aarhus University Hospital, Aarhus - DK

Stefano Gasparini

Department of Biomedical Sciences & Public Health Polytechnic University of Marche Region, Ancona - IT

#### **OFFICIAL LANGUAGE**

English

#### **CONTINUING MEDICAL EDUCATION (CME) ACCREDITATION**

The Course will be accredited by ITS-AIPO Provider 5079 (Italian Association of Hospital Pulmonologists) to provide Continuing Medical Education (CME) for Italian Physicians. Educational objective 2: guidelines, procedures and clinical documentation ID Code: 299918 Number of participants: 500 Italian CME Credits: 15

Accredited Disciplines: Pulmonology, Oncology, Pathological Anatomy, Thoracic Surgery

#### **TECHNICAL INFORMATION**

Course held as live webinar via multimedia platform. Please carefully consult the Program and the timetable to be present in the virtual classroom at the set time. At the end of the Course in Synchronous FAD mode the learner will have 72 hours to fill in the evaluation and satisfaction questionnaires, both essential for obtaining ECM credits. The participation of learners is detected by registering access to the platform. For the purposes of certifying the ECM training credits, the actual presence of 90% of the participants is required the overall duration of the training event. For use and access to the course in Synchronous FAD mode they will be a computer (Windows or Mac) with internet connectivity of a standard navigation browser is required (Internet Explorer, Firefox, Chrome, Opera, Safari)

To certificate CME credits, participants must attend 90% of the Scientific Program

#### **ORGANIZING SECRETARIAT**



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