

MASTERCLASS

on Pulmonary Hypertension

Organised by the Centre for Pulmonary Hypertension,
General University Hospital and Charles University in Prague
(Member of the European Reference Network – LUNG,
Core Network – Pulmonary Hypertension)
in cooperation with the Czech Society of Cardiology



PRAGUE, CZECH REPUBLIC

November 10 – 11, 2023

www.PHmasterclass.com



MASTERCLASS DESCRIPTION:

The Pulmonary Hypertension Masterclass will be focused on the early detection, diagnostic strategy (including ECHO and right heart catheterization practical demonstration) and therapy in patients with pulmonary hypertension. Content is designed to cover patients with CTD who may have pulmonary hypertension and interstitial lung disease. During Case Forum participants are invited to present case reports.

MASTERCLASS LEARNING OBJECTIVES:

At the conclusion of this Masterclass, participants will have improved competence and professional performance in their ability to:

1. Understand the diagnostic strategy (including early detection, echocardiography, CT, MRI, right heart catheterization) in patients with pulmonary hypertension
2. Identify the challenges in interstitial lung disease and the spectrum of PH in patients with CTD
3. Understand the management of patients with PAH
4. Understand the management of patients with common forms of PH (Group 2, 3, 4)
5. Recognize when referral to an expert center is necessary for further assessment and management of PH

TARGET AUDIENCE (PARTICIPANT PROFILE):

Rheumatologists, Pulmonologists, Cardiologists, Internal Medicine Physicians. Masterclass is designed to be of benefit for health care professionals who are beyond the training stages of their careers.

This Masterclass has been accredited with 8 CME credits

SCIENTIFIC PROGRAM SCHEDULE

Day 1 (November 10, 2023)

- 9.00 – 9.10 Introduction (*P. Jansa*)
- 9.10 – 10.00 Pathophysiology, definition and classification of pulmonary hypertension (*P. Jansa*)
- 10.00 – 10.20 Diagnostic strategy of pulmonary hypertension (*V. Dytrych*)
- 10.20 – 11.00 Pulmonary arterial hypertension (*P. Jansa*)
- 11.00 – 11.20 *Coffee break*
- 11.20 – 11.50 CT and MRI (*V. Černý*)
- 11.50 – 12.10 RHC (*P. Jansa*)
- 12.10 – 12.45 ECHO – practical demonstration (*T. Paleček*)
- 12.45 – 13.30 RHC – practical demonstration (*P. Jansa*)
- 13.30 – 14.15 *Lunch*
- 14.15 – 15.00 Interstitial lung disease in patients with CTD (*M. Koziar Vašáková*)
- 15.00 – 15.45 Pulmonary hypertension in patients with CTD (*R. Bečvář*)
- 15.45 – 16.10 *Coffee break*

- 16.10 – 16.30 Pulmonary hypertension following severe COVID-19 (*L. Miksová*)
- 16.30 – 17.15 Common forms of pulmonary hypertension: Group 4 (*P. Jansa, T. Prskavec*)
- ???
- 18.00 *Dinner*

Day 2 (November 11, 2023)

- 9.00 – 9.45 Echocardiography including pitfalls (*A. Linhart*)
- 9.45 – 10.15 Common forms of pulmonary hypertension: group 2, group 3 (*P. Jansa*)
- 10.15 – 10.45 *Coffee break*
- 10.45 – 11.15 Left heart failure in patients with CTD (*M. Šíranec*)
- 11.15 – 11.45 Right heart failure (*P. Jansa*)
- ???
- 12.30 Closing remarks

EXPERTISE GUARANTOR:

■ **prof. PAVEL JANSA, MD, Ph.D.**

MASTERCLASS FACULTY:

■ **prof. PAVEL JANSA, MD, Ph.D.**

*2nd Department of Internal Medicine – Department of Cardiovascular Medicine,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

■ **prof. ALEŠ LINHART, MD, DrSc.**

*2nd Department of Internal Medicine – Department of Cardiovascular Medicine,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

■ **VLADIMÍR DYTRYCH, MD**

*2nd Department of Internal Medicine – Department of Cardiovascular Medicine,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

■ **LUCIE MIKSOVÁ, MD**

*2nd Department of Internal Medicine – Department of Cardiovascular Medicine,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

■ **prof. TOMÁŠ PALEČEK, MD, Ph.D.**

*2nd Department of Internal Medicine – Department of Cardiovascular Medicine,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

■ **VLADIMÍR ČERNÝ, MD, Ph.D.**

*Department of Radiodiagnostics,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

■ **prof. IVETA ŠIMKOVÁ, MD, Ph.D.**

Clinic of Respiratory Medicine. First Faculty of Medicine, Charles University and Thomayer University Hospital, Prague, Czech Republic

■ **assoc. prof. RADIM BEČVÁŘ, MD, Ph.D.**

Department of Rheumatology of the 1st Faculty of Medicine and Rheumatology Institute, Prague, Czech Republic

■ **TOMÁŠ PRSKAVEC, MD**

2nd Department of Surgery – Department of Cardiovascular Surgery of the 1st Faculty of Medicine and General University Hospital in Prague, Czech Republic

■ **MICHAL ŠIRANEC, MD**

*2nd Department of Internal Medicine – Department of Cardiovascular Medicine,
First Faculty of Medicine, Charles University and General University Hospital, Prague, Czech Republic*

With the non conditioning sponsorship of Janssen

