

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



April, 17–18, 2026

www.PHmasterclass.com



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Prague, April 17–18, 2026

Masterclass Description:

The Pulmonary Hypertension Masterclass will be focused on the early detection, diagnostic strategy (including ECHO and right heart catheterization practical demonstration, and right heart catheterization simulation) and therapy in patients with pulmonary hypertension. 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. Understand the management of patients with PAH
3. Understand the management of patients with common forms of PH (Group 2, 3, 4)
4. Recognize when referral to an expert center is necessary for further assessment and management of PH

Target Audience (Participant Profile):

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

SCIENTIFIC PROGRAM SCHEDULE

Day 1 (April 17, 2026)

9.00–9.15	Introduction (P. Jansa)
9.15–10.00	Pathophysiology, definition and classification of pulmonary hypertension (P. Jansa)
10.00–10.30	Diagnostic strategy of pulmonary hypertension (V. Dytrych)
10.30–11.00	<i>Coffee break</i>
11.00–11.30	RHC including pitfalls (P. Jansa)
11.30–12.00	CT and MRI (V. Černý)
12.00–13.45	RHC – practical demonstration / Lunch
13.45–14.45	Echocardiography including pitfalls (A. Linhart)
14.45–15.30	Pulmonary arterial hypertension, treatment algorithm (P. Jansa)
15.30–16.00	<i>Coffee break</i>
16.00–16.30	Understanding Clinical Study Results (A. Svobodník)
16.30–17.00	Prostacyclin therapy for pulmonary hypertension (P. Jansa)
17.00–17.40	Pulmonary hypertension in patients with CHD (J. Rubáčková-Popelová)
17.40–18.05	Left heart failure (M. Širanec)
18.05–18.30	Right heart failure (P. Jansa)
19.30	<i>Dinner</i>

Day 2 (April 18, 2026)

9.00–9.45	Common forms of pulmonary hypertension: Group 2, Group 3 (P. Jansa)
9.45–10.30	CTEPD/CTEPH (P. Jansa, T. Prskavec)
10.30–11.00	<i>Coffee break</i>
11.00–13.00	Hands-on RHC/ECHO (P. Jansa, V. Dytrych, M. Ouřada)
13.00–14.00	Clinical cases
14.00	Closing remarks

EXPERTISE GUARANTOR:

■ **prof. PAVEL JANSA, MD, Ph.D.**

MASTERCLASS FACULTY:

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An application has been made to the UEMS EACCME® for CME accreditation of this event.

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