



ERS course
Pulmonary hypertension and pulmonary vascular disease
27–29 February, 2020
Lausanne, Switzerland

Thursday, 27 February 2020

14:00–14:30 *Registration*

Session 1 - Clinical and pathological

14:30–14:45 Introduction to the course - A. Peacock

14:45–15:20 The diagnosis of pulmonary hypertension - S. Gaine

15:20–15:55 Contemporary pathology of pulmonary hypertension - R. Naeije

15:55–16:30 Perspectives of therapeutic innovation from current progress in the pathobiology of pulmonary hypertension - D. Montani

16:30–17:00 *Break*

17:00–17:35 Pathophysiology of pulmonary hypertension: what the interested clinician needs to know - R. Naeije

17:35–18:05 Clinical cases of pulmonary hypertension from participants commented by a multidisciplinary team - S. Gaine, A. Peacock, M. Sproule

18:15 *Welcome reception*

19:30 *Dinner*



Friday, 28 February 2020

Session 2 - Making the diagnosis of pulmonary hypertension

- 08:30–09:00 The importance of cardiac function in pulmonary hypertension - A. Peacock
09:00–09:30 Cardiac catheterisation: how to do it properly (with video demonstration) - M. D'Alto
09:30–10:00 Imaging of the right heart and the pulmonary circulation with echocardiography and magnetic resonance imaging - P. Yerly
10:00–10:30 Exercise testing in pulmonary hypertension - M. Johnson
10:30–11:00 The indispensable input of the radiologist in PH case discussions - M. Sproule
11:00–11:30 *Break*

Session 3 - Pulmonary embolism

- 11:30–12:00 Making the diagnosis of acute pulmonary embolism: what do the guidelines say? - S. Konstantinides
12:00–12:30 Treatment of acute pulmonary embolism - M. Johnson
12:30–13:00 Diagnosis and treatment of chronic pulmonary embolism - I. Lang
13:00–14:00 *Lunch*

Workshops: case histories and practical problems in pulmonary hypertension

Participants will be divided in four groups and attend one workstation per round:
WS1 Exercise testing in pulmonary hypertension: live demonstration - M. Johnson
WS2 Case histories of acute and chronic pulmonary embolism - S. Konstantinides (acute) and M. Sproule (chronic)
WS3 Case histories of pulmonary hypertension (cardiology for pulmonologists) - M. D'Alto
WS4 Echocardiography: common problems - B. Lamia, P. Yerly (patient involvement)

- 14:00–14:50 **Round 1**
14:50–15:40 **Round 2**
15:40–16:10 *Break*
16:10–17:00 **Round 3**
17:00–17:50 **Round 4**
19:00 *Dinner*



Saturday, 29 February 2020

Session 4 - Treatment of pulmonary hypertension

08:30–09:10	Pulmonary hypertension in the intensive care unit - B. Lamia
09:10–09:50	Clinical trials in pulmonary arterial hypertension: what they tell us - R. Naeije
09:50–10:30	Risk assessment in pulmonary arterial hypertension: REVEAL vs EUROPEAN scores - R. Badagliacca
10:30–11:00	<i>Break</i>
11:00–11:45	Who to treat/who not to treat: The "non group I" PH patients - S. Gaine
11:45–12:30	The updated treatment algorithm in PAH - O. Sitbon
12:30–12:45	Conclusions and remaining questions - A. Peacock
12:45	<i>End of the course and lunchbox</i>