

Clinical exercise testing: Advanced 24-25 October 2024 Rome, Italy

Thursday, 24 October 2024

08:30-09:00	Course registration
	Session 1 - What is measured? A refresher on physiology
	Chair: P. Laveneziana
09:00-09:10	Introduction – P. Laveneziana, P. Palange
09:10-09:30	CPET overview: clinical usefulness and limitations - P. Palange
09:30–09:40	Q&A
09:40–10:10	Metabolic responses to exercise - S. Ward
10:10-10:20	Q&A
10:20–10:40	Coffee break
10:40-11:10	Cardiovascular responses to exercise - J. Neder
11:10-11:20	Q&A
11:20-11:50	Respiratory and sensory responses to exercise - M. Schaeffer
11:50-12:00	Q&A
12:00-13:15	Lunch



Thursday, 24 October 2024

Session 2 – Skills workshop: How to measure? Inside the test

*Participants will be divided into 4 groups and assigned to a specific workstation.*13:15–13:30 Introduction to workshops and groups

13:30–15:00 Equipment, test design and protocols

<u>Group 1</u>	Group 2	Group 3	Group 4
- S. Ward,	- W. Stringer,	- P. Laveneziana,	- J. Neder,
P. Onorati,	M. Schaeffer.	P. Palange	J. Hull
A. Boutou	J. Shakespeare		

15:00–15:30 Coffee break

	Test performance b	by a cyclist and inter	pretation	
15:30-17:30	The key variables a	and their meaning		
	Reference values and data presentation			
	<u>Group 1</u>	Group 2	Group 3	Group 4
	- S. Ward,	- W. Stringer,	- P. Laveneziana,	- J. Neder,
	P. Onorati,	M. Schaeffer,	P. Palange	J. Hull

,	,
A. Boutou	J. Shakespeare

17:30–18:30 Welcome reception



Friday, 25 October 2024

	Session 3 - What happens in athletes and disease? Exercise pathophysiology Chairs: P. Laveneziana
08:30-09:00	CPET in athletes - M. Schaeffer
09:00-09:10	Q&A
09:10-09:40	CPET for assessment of dysfunctional breathing, bronchoconstriction and inducible laryngeal obstruction - A. Boutou, J. Shakespeare
09:40-09:50	Q&A
09:50-10:20	CPET in pulmonary vascular disease - J. Neder
10:20-10:30	Q&A
10:30-10:50	Coffee break
10:50-11:20	Understanding dyspnoea of uncertain origin - the value of CPET – J. Hull
11:20-11:30	Q&A
11:30-12:00	CPET for prognosis and pre-operative assessment - P. Onorati
12:00-12:10	Q&A
12:10-13:30	Lunch
	Session 4 - Bringing CPET to practice: A case-based discussion
	Chairs: P. Palange, P. Laveneziana
13:30-15:00	Typical cases of respiratory and cardiocirculatory limitation to exercise -
	P. Palange, P. Laveneziana, W. Stringer, J. Neder, S. Ward
15.00 15.00	
15:00-15:30	Coffee break



Friday, 25 October 2024

15:30–17:30	Advanced interpretation: Cases in specific clinical scenarios (from faculty and participants)
	Unexplained dyspnoea - P. Laveneziana
	Pre-operative assessment - P. Onorati
	Dysfunctional breathing - A. Boutou, J. Hull
	Combined COPD-heart failure - J. Neder
	Pulmonary hypertension - J. Neder

17:30 Closing remarks