ERS online course
Clinical exercise testing: Core principles

12 May 2021

Chairs: M. Schaeffer, I. Vivodtzev

13:00–13:30  The physiological responses to CPET – S. Ward
13:30–13:45  Q&A
13:45–13:55  Break
13:55–14:25  The physiological limitations to CPET – P. Palange
14:25–14:40  Q&A
14:40–14:50  Break
14:50–15:50  How to run an incremental exercise testing and how to interpret its key variables – P. Palange & P. Laveneziana

15:50–16:00  Break
16:00–16:05  Tutorials – Introduction –P. Palange, P. Laveneziana
16:05–16:10  Break into small groups
16:40–16:50  Break
16:50–17:50  Tutorials – Clinical cases from faculty and participants – S. Ward, P. Palange, P. Laveneziana, P. Agostoni, P. Onorati, A. Neder

17:50–18:00  Concluding remarks –P. Palange, P. Laveneziana

All timings are in Central European Summer Time (CEST)
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Pre-course learning modules (available from 19 April)

- Introduction: why CPET? – P. Laveneziana
- Exercise physiology: the metabolic response to incremental exercise – S. Ward
- Exercise physiology: the ventilatory response to incremental exercise – P. Palange
- Exercise physiology: the cardiovascular response to incremental exercise – P. Agostoni
- Equipment and methodology – R. Casaburi
- Exercise physiology: the metabolic limitation to exercise – P. Onorati
- Exercise physiology: the ventilatory limitation to exercise – P. Laveneziana
- Exercise physiology: the pulmonary gas exchange and pulmonary vascular limitation to exercise – P. Laveneziana and P. Palange
- Exercise physiology: the cardiovascular limitation exercise – P. Agostoni
- Field testing and methods for assessing physical activity – S. Singh

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