Faculty

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Carlo Vignati

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Registration

FULL REGISTRATION

€ 1000,00 (VAT 22% included)

YOUNG REGISTRATION (Under 35) € 700,00 (VAT 22% included)

The registration fee includes:

- Entrance
- Refreshments at breaks and light lunch
- Social Dinner
- Free membership to CPXI for 2025

click for the online registration

"Young Investigator Abstract Competition"

During the Young Investigator Award session of the 26th Practicum on Clinical Exercise Testing, two prizes will be awarded to outstanding research projects. For this session, scientific abstracts from the field of cardiopulmonary exercise testing may be submitted by researchers of age 35 and less.

Main sponsor

TBA

Contacts

Organizing Secretariat



MZ Events Srl Via Carlo Farini, 81 — 20159 Milano Tel. 0266802323 eventi@cardiologicomonzino.it

How to reach us

PUBLIC TRANSPORT (ATM)

From the city centre

- (1) Take subway 3 (yellow line) toward San Donato up to the last station. Take bus number 45, Via Vittorini stop which is 50 m from Centro Cardiologico Monzino.
- (2) Take tram number 27 to Viale Ungheria stop, then take bus number 66 or 67 toward Linate airport and get off in Via Vittorini.

From the Central Station and Rogoredo

Take subway 3 (yellow line) and follow the directions above.

BY CAR

The Centro Cardiologico Monzino is situated 100 metres from "Via Mecenate" exit of the Tangenziale Est (bypass road).

From Milan

Enter Via Mecenate, turn left at the traffic-light just before the entrance to Tangenziale Est and follow indications for CCM (Centro Cardiologico Monzino).

From the A1 (Bologna) motorway

Take Tangenziale Est (toward Venezia) up to the exit of Via Mecenate, then follow the indication for CCM (Centro Cardiologico Monzino).

From the A1 (Venezia) motorway

Take Tangenziale Est (toward Bologna) up to the exit of Via Mecenate, then follow the indication for CCM (Centro Cardiologico Monzino).

From the A4 (Torino), A8 (Varese), A7 (Genova), A9 (Como) motorways

Take Tangenziale Ovest (toward Bologna) and then enter Tangenziale Est (toward Venezia) up to the exit "Via Mecenate" and follow the indications for CCM (Centro Cardiologico Monzino).

MAP

You can find the map indicating how to reach us on the website www.cardiologicomonzino.it in the "come raggiungerci" area, then clicking on PIANTINA.





9-11 October 2024

26th European Practicum on Clinical Exercise Testing

Venue Centro Cardiologico Monzino Via C. Parea 4, Milan



Introduction

Dear Colleagues and Friends.

The exercise is the essence of human beings. Cardiopulmonary exercise testing (CPET) is the gold standard for exercise performance evaluation.

CPET is a comprehensive clinical and scientific tool in various fields of medicine. It allows the quantification of exercise limitation, the identification of the causes of duspnea, the risk stratification of patients with several diseases, the preoperative risk assessment and the monitoring of therapeutic responses.

In other words almost everything that is in medicine.

This 3-day course is intended to give an overview of the physiological basis of exercise performance in healthy subjects and in patients with several diseases. The course includes both lectures and interactive sessions in small groups based on participants experience. During the last day scientific abstracts will be presented by participants and the best ones will be awarded.

The course is organized by CPX international, a society started many years ago by Karlman Wasserman.

The faculty is based on international recognized experts in cardiopulmonary exercise testing who will lead lectures, laboratory sessions and tutorials, and who will be available for questions and discussions during the entire course.

I cordially invite you to join the 26th European Practicum on clinical exercising testing and welcome you to Milan, the city of Duomo, our famous Cathedral, La Scala Theater, the Sforza Castle and Leonardo's Last Supper.

> Piergiuseppe Agostoni (Mecki) Course Chair

Programme

G. Kovacs

T. Takken

18:00 Welcome Reception

17:30 Exercise testing in children

Wednesday October 9th, 2024 08:30 Registration / Welcome og:oo Physiological Basis of Exercise Performance A. Schmidt-Trucksäss 10.20 Pathophysiology of Exercise Limitation P.G. Agostoni 11.10 Coffee Break, Refreshments 11.30 Normal Values and their Pitfall A. Hager 12:00 Conducting the Clinical Study: Equipment, Calibration, Technical Troubleshooting E. Salvioni 12:30 Formatting exercise test results D. Dumitrescu 13.00 Lunch Break 14.00 Interactive Tutorial Sessions in Small Groups (Beginners, Intermediate, Advanced) - Faculty 15:00 Protocols: Ramp Tests, Constant Work Rate Tests M. Rileu 15:30 Cardiac Output Measurements during exercise P.G. Agostoni 16:00 Coffee Break, Refreshments 16:30 Reflex regulation of ventilation during exercise M. Piepoli 17.00 Clinical Value of Exercise Hemodynamics

Thurs	day 10 th October, 2024
08:30	Exercise Testing in Lung Disease F.J. Meyer
09:00	Exercise Testing in Pulmonary Vascular Disease D. Dumitrescu
09:30	Exercise Testing in Congenital Heart Disease A. Hager
10:00	Exercise Testing in Heart Failure with reduced Ejection Fraction P.G. Agostoni
10:30	Coffee Break, Refreshments
11:00	Exercise testing in Heart Failure with preserved ejection fraction M. Guazzi
11:30	CPET in surgery: Implications for peri- and post-operative management S. Jack
12:00	Workshop 1: Ramp Exercise Test - Faculty
13:00	Lunch Break
14:00	Pre-and rehabilitation concepts in malignant diseases D. Levett
14:30	Gas exchange patterns in Metabolic Disorders M. Riley
15:00	Workshop 2: Constant Workload Test - Faculty
16:00	Coffee Break, Refreshments

16:20 Exercise and heart failure treatment

(bblockers) M. Contini

		Frida	y 11 th October, 2024
17:00	Cardiopulmonary adaptation to hypoxia in	08:30	Exercise and pacer G. Cattadori
		08:50	CPET anemia and i J. Campodonico
		09.10	Chronotropic defic D. Magrì
		09:30	CPET for the evalu
17:40		10.00	CPET and pulmonar D. Dumitrescu
		10:30	Coffee Break, Refr
		11:00	Clinical cases P. Palermo, C. Vigr (Discussant the fac
		12.00	Interactive Tutorial Groups (Cardiac, I CHD, PH,) - Facult
		13.00	Lunch Break
		14.00	General Assembly (CPX International)
		14:15	Abstract Competiti Young Investigator
		15:30	General Discussion Concluding Remark

Exercise and pacemakers

CPET anemia and iron deficit

CPFT for the evaluation of athletes

CPET and pulmonary hypertension treatment

Interactive Tutorial Sessions in Small

Groups (Cardiac, Pulmonary, Pediatric/

Chronotropic deficit

A. Schmidt-Trucksâss

Coffee Break, Refreshments

P. Palermo, C. Vignati

CHD, PH,) - Faculty

General Assembly Meeting

Young Investigator Award - Faculty

General Discussion, Certificate Award.

(CPX International) - All

Abstract Competition /

Concluding Remarks

Faculty

15:45 Close of course

(Discussant the faculty)