

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 Rogaredo:

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 web-site www.cardiologicomonzino.it in the "come raggiungerci" area, then clicking on PIANTINA

FACULTY

Paolo Barbier

Claudia Cefalù

Registration

The participants will be accepted giving priority to the date of receipt of the registration form by the Organizing Secretariat.

There will be a **limitation of 10 places** each course, to guarantee an optimum interaction between the tutor and participants.

The participation quote is euro **500,00 + 21%** (VAT), and includes:

- Assistance of Tutor
- Practical exercises
- Desk work
- Educational material
- Lunch vouchers (for canteen)
- Certificate of attendance

Location and Times

Unità Operativa di Ecocardiografia

Centro Cardiologico Monzino IRCCS

Via Parea, 4 - Milano

Morning 8.30 - 13.00

Afternoon 14.00 - 18.00

CONTACTS

Scientific Secretariat

Claudia Cefalù

Centro Cardiologico Monzino IRCCS

claudia.cefalu@cardiologicomonzino.it

Organizing Secretariat

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e-mail eventi@cardiologicomonzino.it

Dipartimento di Scienze Cardiovascolari
Università degli Studi di Milano

ECM

24TH FEBRUARY 2012

18TH MAY 2012

21ST SEPTEMBER 2012

23RD NOVEMBER 2012

Course Venue

Centro Cardiologico Monzino IRCCS, Milano

Non invasive Hemodynamics and Diastology

Echocardiographic Workshop

Course Director

Paolo Barbier

Echocardiography Unit



**Centro Cardiologico
Monzino**

Si cura meglio dove si fa ricerca

www.cardiologicomonzino.it

TRAINING COURSE

objectives

The aim of the workshop is to provide the participants with the methodology to:

- understand the pathophysiology of left ventricular diastolic function,
- analyse diastolic function using Doppler echocardiography,
- recognize the different degrees of diastolic dysfunction,
- implement correctly the analysis of diastolic function into the echocardiography report.

At the end of the workshop the participants will acquire the skills to diagnose and grade correctly a left ventricular diastolic dysfunction (according to the current Guidelines) in the echocardiography report.

recipients

The workshop is targeted for specialists in cardiology, anaesthesia and internal medicine, and cardiac surgeons.

- 8.30** Welcome and distribution of the teaching material. Presentation of the Workshop.
- 9.00** **Introduction:** Why we should evaluate left ventricular diastolic function and the role of echocardiography. Pathophysiology of left ventricular diastolic function. Estimate of the determinants of diastolic function:
- Rational and method,
 - Doppler echocardiographic analysis of transmitral flow velocities,
 - Doppler echocardiographic analysis of pulmonary venous flow velocities,
 - Mitral annulus tissue Doppler velocities and transmitral flow propagation velocity.
- 11.00** Coffee Break.
- 11.15** Estimation of left ventricular filling pressures. Anatomy, physiology and left atrial function.
- 12.00** Non invasive estimation of the pulmonary hemodynamics
- 12.30** Review and discussion of case studies from our digital echocardiography database.
- 13.00** Lunch break.
- 14.00** Hands-on session in the echocardiography laboratory.
- 15.00** Integrated left atrial and ventricular functions. The influence of left ventricular load and dynamic manoeuvres (Valsalva and others). Pitfalls in diastology. Estimation of prognosis in diastology.
- 16.00** Coffee Break.
- 16.15** Clinical correlations & therapy. Guidelines and reporting. Flow charts.
- 17.00** Review and discussion of case studies from our digital echocardiography database.
- 17.30** Conclusions and discussion.
- 18.00** End of the workshop.

Please fill out and send the form to the fax number +39 02 4391 1650 or make your online registration through [▶ cardiologicomonzino.it](http://cardiologicomonzino.it)

24th feb 18th may 21st sep 23rd nov

Personal Data

surname and name

birth date

address

town

zip code

tel

fax

e-mail

Professional Data

profession

specialty

hospital

address

town

zip code

tel

fax

e-mail

date

signature