



**HUMANITAS EDU**

**SIMULATION CENTER**

**Workshop**

**CLUE**  
**Cardio-Lung  
**Ultrasound and  
**hEmodynamics  
**in critical care********

**2 - 3 dicembre 2022**

**Director:**

**Prof. M. Cecconi**

**Co-Directors:**

**Dr. RM Bragato - Dr. E. Giustiniano**

**Humanitas University**

Via Rita Levi Montalcini 4,  
20072 Pieve Emanuele (MI)  
Building A



### 12.30-13.00

Hemodynamic monitoring in operative room: predicting hypotension (**clinical cases**)  
(E. Giustiniano)

### 13.00-14.00 Lunch

Station	1-EchoCardio live	2 -Echo Lung live	3-EchoCardio Live/Simulator	4-Simulated case (Hemodynamics and US in critical cases)
14.00-15.00	<b>A</b>	<b>B</b>	<b>C</b>	3 participants in simulation room <b>2 cases</b>
15.00-16.00	<b>C</b>	<b>A</b>	<b>B</b>	
16.00-17.00	<b>B</b>	<b>C</b>	<b>A</b>	
<b>External Tutor</b> Giustiniano	Gr. Bragato	Piccirillo Lungu	Gr. Bragato	Brusa Fusilli Del Pozo

### 19.00

Debriefing - See you tomorrow

## SATURDAY

### HEART&LUNG: THE COVID-19 EXPERIENCE

**Chairmen:** F. Piccioni

#### 08.15-08.45

TTE in respiratory failure due to Covid-19 pneumonia.  
The experience in ward: **interactive cases**  
(F. Fazzari)

#### 08.45-09.15

Echo-lung during Covid-19 outbreak:  
**interactive clinical cases presentation**  
(F. Piccirillo)

#### 09.15-09.45

TTE in prone position during Covid-19 outbreak:  
a proposal for a new approach  
(E. Giustiniano)

#### 09.45-10.15 Coffee break

### ULTRASOUNDS IN CARDIOVASCULAR EMERGENCY

**Chairmen:** E. Corrada, M. Curzi

#### 10.15-10.45

Urgent Echocardiography in ward: **Two interactive cases** (R. Mantovani)

#### 10.45-11.15

Ultrasounds protocols in emergency  
(F. Nisi)

#### 11.15-11.45

How to orient yourself between the intra-aortic balloon pump, Impella and ECMO?  
(P. Pagnotta)

#### 11.45-12.45

**Ultrasounds assessment during management of mechanical circulatory support devices (MCS):**

##### 11.45-12.15

- choice and positioning of the device (M. Briani)

##### 12.15-12.45

- monitoring, escalation, de-escalation and weaning of MCS (L. Bertoldi)

### 12.45-13.50 Lunch

Station	1-EchoCardio live	2 -Echo Lung live	3-EchoCardio Live/Simulator	4-Simulated case (Hemodynamics and US in critical cases)
14.00-15.00	<b>A</b>	<b>B</b>	<b>C</b>	3 participants in simulation room <b>2 cases</b>
15.00-16.00	<b>C</b>	<b>A</b>	<b>B</b>	
16.00-17.00	<b>B</b>	<b>C</b>	<b>A</b>	
<b>External Tutor</b> Giustiniano	Gr. Bragato	Piccirillo Lungu	Gr. Bragato	Brusa Fusilli Del Pozo

#### 18.00-18.15

Debriefing

#### 18.15-18.30

Post-test and Customer satisfaction



## ORGANIZING SECRETARIAT

Humanitas EDU

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## REGISTRATION

www.humanitasedu.it

Participation fee 350,00 € (VAT included)

Participation fee for residents (max 5) 175,00 € (VAT included)

## ECM

Amount of credits will be announced later

## TARGET

Maximum 18 participants:

Open to surgeons specializing in anesthesia and resuscitation, cardiology, internal medicine

## VENUE

Humanitas University,

Via Rita Levi Montalcini 4,

20072 Pieve Emanuele (MI) Building A

## WINFOCUS 2022

By registering to CLUE you will be part of one of the Italian POW!, you will be given access to the **Virtual Congress sessions of WF WCU '22** during the lunch break and a **free registration** to the entire Virtual Congress (Dec 3-4).



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**HUMANITAS EDU:**  
**L'ACCELERATORE DI FORMAZIONE  
MEDICA SPECIALISTICA**

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