



Tuesday - June 16th
HIAE - CESAS ROOM

Ultrasonography Course
June, 16th 2015

Chairmen: Murillo Santucci Cesar de Assunção and Bruno de Arruda Bravim

08:00 – 10:00 Basics

08:00 – 08:20 **Why should I use ultrasonography in the ICU?**
Murillo Santucci Cesar de Assunção

08:20 – 08:40 **Principles of ultrasound**
Bruno de Arruda Bravim

08:40 – 09:00 **Vascular access**
Eduardo Casaroto

09:00 – 09:30 **Lung ultrasound**
Paolo Pelosi

09:30 – 10:00 **Transthoracic planes**
Bruno de Arruda Bravim

10:00 – 10h20 – Break

10h20 – 10h50 **Left ventricular systolic function & measurement of cardiac output**
Ricardo Luiz Cordioli

10:50 – 11:20 **Heart-lung interactions and prediction of fluid responsiveness**
Eduardo Casaroto

11:20 – 11:50 **Right ventricular function & measurement of pulmonary artery pressure**
Tais Rodrigues de Lara

11:50 – 13:00 – Break



13:00 – 15:00 Introduction to hemodynamic monitoring

13:00 – 13:30 Evaluation of filling pressures

Bruno de Arruda Bravim

13:30 – 14:00 How to diagnose cardiac tamponade

Lilian Moreira Pinto

14:00 – 14:30 Transesophageal echocardiography in the ICU

Fabio de Vasconcelos Papa

14:30 – 15:00 Making diagnosis and taking decisions with echocardiography

Daniel De Backer

15:00 – 15:30 Ultrasound based protocols at the bedside: beyond the heart

Ricardo Luiz Cordioli

15h30 – 15h50 – Break

15:50 – 17:00 Hands-On

Free access to hands-on equipment

Bruno de Arruda Bravim

Eduardo Casaroto

Fabio de Vasconcelos Papa

Ricardo Luiz Cordioli

Lilian Moreira Pinto

Tais Rodrigues de Lara