



XXXIV  
JORNADAS DE CARDIOLOGIA DO SUL E REGIÕES AUTÓNOMAS  
/ SOUTH SIDE OF THE HEART

21-23 OCTOBER 2021

PRESENCIAL

THURSDAY >> 21 OCTOBER 2021

## WORKSHOP 1

### SIMULATION-BASED RIGHT HEART CATHETERIZATION

**Workshop organizers:**

*Filipa Ferreira, Sofia Alegria*

**Description:** Practical face-to-face course with simulator, based on clinical cases

**Where:** Hospital Garcia de Orta - Training room 1 (2<sup>nd</sup> floor)

**Target:**

Cardiology, pneumology and internal medicine doctors, nurses or cardiopneumology technicians with special interest in pulmonary hypertension

**Minimum participants:** 15 / **Maximum participants:** 40\*

*In case we have less than 20 participants the course will be held in the morning (from 9:00 to 13:00)*

*In case we have more than 20 participants we will make two groups. One group to be held during the morning as mentioned and another group to be held in the afternoon (from 14:00 to 18:00). By the time of registration, please mention your preference.*

## PROGRAMME

<b>9:00</b> or <b>14:00</b>	<b>WELCOME</b>
<b>9:05</b> or <b>14:05</b>	<b>Informal talk</b> about right heart catheterization where the following aspects will be presented ( <i>Sofia Alegria; Filipa Ferreira</i> ): <ul style="list-style-type: none"><li>› Clinical indications and contra-indications</li><li>› Technical execution</li><li>› Equipment and Swan-Ganz catheter</li><li>› Pressures and waveforms</li><li>› Measurements, calculations and report</li><li>› Complications and common mistakes – Tips and tricks</li><li>› As a gold standard tool for diagnosis of pulmonary hypertension</li><li>› Vasoreactivity test</li><li>› Other practical uses besides pulmonary hypertension (cardiogenic shock, constrictive pericarditis, cardiac transplant evaluation)</li></ul>
<b>10:30</b> or <b>15:30</b>	<b>Coffee Break &gt;&gt; 15 minutes</b>
	<b>PRACTICAL COMPONENT WITH CLINICAL CASES – HANDS ON SIMULATOR</b>
<b>10:30</b> or <b>15:30</b>	<b>Pulmonary arterial hypertension</b> ( <i>Bárbara Ferreira</i> )
<b>11:00</b> or <b>16:00</b>	<b>Thromboembolic pulmonary hypertension</b> ( <i>Diogo Cunha</i> )
<b>11:30</b> or <b>16:30</b>	<b>Intracardiac shunt evaluation</b> ( <i>Alexandra Briosa</i> )
<b>12:00</b> or <b>17:00</b>	<b>Valvular Heart Disease</b> ( <i>João Grade Santos</i> )
<b>12:30</b> or <b>17:30</b>	<b>Heart failure</b> ( <i>Mariana Martinho</i> )
<b>13:00</b> or <b>18:00</b>	<b>Closing remarks</b>

\* O número de participantes poderá ser ainda alargado caso as normas da DGS assim o permitam.



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## WORKSHOP 2

### PERCUTANEOUS CIRCULATORY ASSISTANCE WITH IMPELLA®: LIVE DEMONSTRATION AND CASE-BASED LEARNING

**Workshop organizers:**

Gonçalo Morgado, Ernesto Pereira, Ana Rita Pereira

**Description:** Practical face-to-face course with simulator, based on clinical cases

**Where:** Hospital Garcia de Orta - Training room 2 (2<sup>nd</sup> floor)

**Target:**

Cardiology and intensive medicine doctors, nurses or cardiopneumology technicians with special interest in left ventricular mechanical support

**Maximum participants:** 10\*

## PROGRAMME

9:00 **WELCOME**

9:05 **Informal talk** about left ventricular support using Impella® device where the following aspects will be presented:

- › Equipment
- › Clinical indications and contra-indications
- › Technical execution
- › Complications and common mistakes – Tips and tricks

**Coffee Break >> 15 minutes**

10:30 **PRACTICAL COMPONENT WITH CLINICAL CASES – HANDS ON SIMULATOR**

- › Clinical cases
- › Troubleshooting

13:00 **Closing remarks**

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## WORKSHOP 3

### NON-VALVULAR STRUCTURAL INTERVENTION: Hands-on Course

**Workshop organizers:**

*Isabel João, Ana Rita Almeida, Inês Cruz  
Ana Cristina Martins, Rita Calé, Ana Rita Pereira*

**Description:** Practical face-to-face course based on clinical cases

**Where:** Hospital Garcia de Orta, Library of the Cardiology department (7<sup>th</sup> floor)

**Target:**

Cardiology doctors, nurses or cardiopneumology technicians  
with special interest in non-valvular structural intervention

**Maximum participants:** 12

**COURSE OBJECTIVES:**

Hands-on course focus on:

- ▶ Left atrial appendage – percutaneous closure
- ▶ Patent foramen ovale – percutaneous closure
- ▶ Atrial septal defect – percutaneous closure

## PROGRAMME

9:00	<b>WELCOME</b>
9:05	<b>INTRODUCTION</b>
9:30	<b>HANDS ON STATION – Overview and training – Rotation (4 groups)</b> <ul style="list-style-type: none"><li>▶ Planning (workstation – echocardiography and cardiac CT) – Left atrial appendage</li><li>▶ Planning (workstation – echocardiography) – Patent foramen ovale and atrial septal defect</li><li>▶ Device and procedure – Left atrial appendage</li><li>▶ Device and procedure – Patent foramen ovale and atrial septal defect</li></ul>
13:00	<b>Closing remarks</b>



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## WORKSHOP 4

### CLINICAL ARRHYTHMIAS, FROM BASIC TO PRACTICE. FOCUS ON EP STUDY AND ABLATION.

Arritmias: do básico à prática. Foco na electrofisiologia e ablação.

**Workshop organizers:**

*Luís Brandão, Sofia Almeida, Rita Miranda*

**Where:** Hospital Garcia de Orta - Training room 2 (2<sup>nd</sup> floor)

**Maximum participants:** 10\*

## PROGRAMME

14:00	<b>WELCOME / BOAS VINDAS</b>
14:10	PART 1. <b>How to perform a basic EP study: intracardiac tracing interpretation.</b>
14:40	PART 2. <b>Supraventricular tachycardia differential diagnosis</b>
15:10	PART 3. <b>WPW and accessory pathways approach and ablation</b>
15:40	PART 4. <b>Atrial fibrillation and flutter approach and ablation</b>
16:10	<b>Coffee Break &gt;&gt; 15 minutes</b>
16:30	PART 5. <b>Ventricular tachycardia with structural heart disease</b>
17:00	PART 6. <b>Ventricular tachycardia without structural heart disease</b>
17:30	PART 7. <b>Practical cases: from ECG to intracardiac tracings.</b>
18:30	<b>CLOSURE / ENCERRAMENTO</b>

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