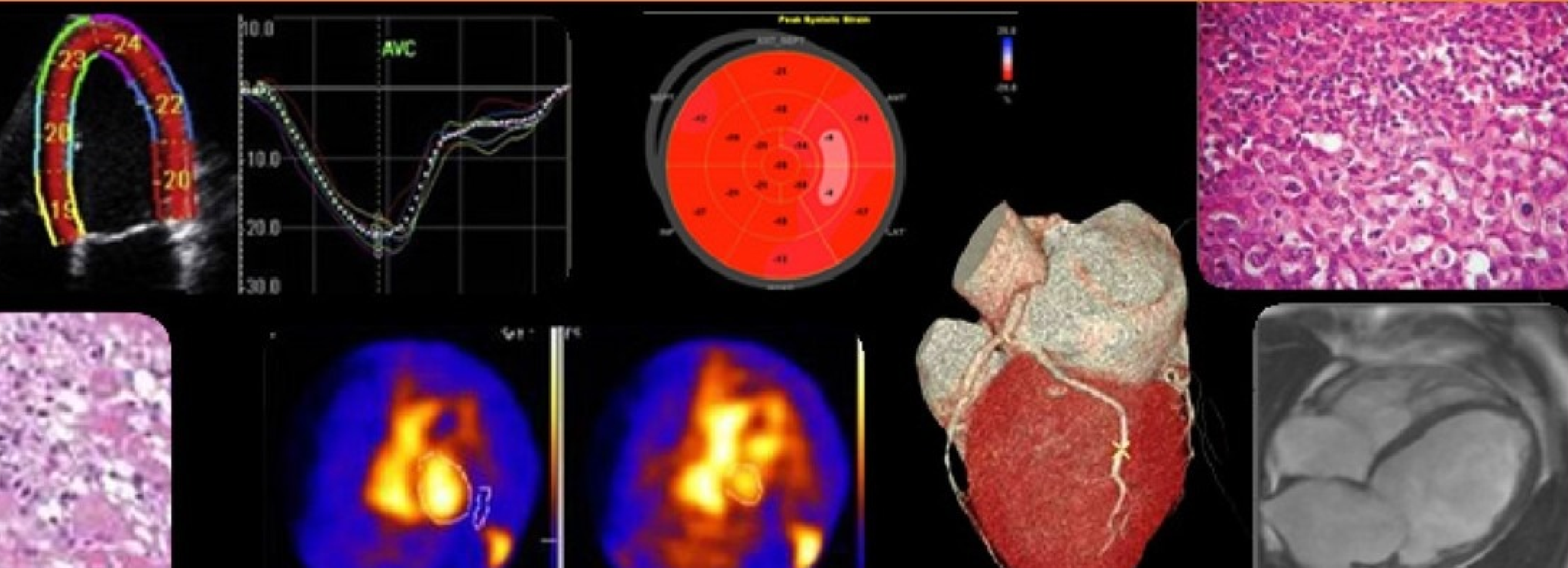




## IV POSTGRADUATE UPDATE COURSE

# IN **CARDIO-ONCOLOGY** (VIRTUAL)



**17-18 March 2021**

### **COURSE DIRECTORS**

**Fausto Pinto, FESC**

**Manuela Fiuza, FESC**

### **SCIENTIFIC COMMITTEE**

**Andreia Magalhães**

**Miguel Nobre Menezes**



**PCO**





## **IV POSTGRADUATE UPDATE COURSE**

### **in Cardio-Oncology**

Cardiovascular diseases and cancer are the leading causes of death in the developed world. Improvements in early detection and major advances in cancer treatments led to an increasing number of survivors worldwide. However, cancer patients, including survivors, have a high risk for CVD that can be explained by multiple factors: toxicities of cancer treatments (old and new drugs, chest radiotherapy); shared cardiovascular risk factors like age, genetics, obesity, smoking and lifestyle; increased age with higher burden of pre-existing CVD. Conversely, certain CVD conditions, such as heart failure and myocardial infarction, have been linked to an increased risk of cancer as well.

The damage caused to the cardiovascular system encompasses the full scope of cardiovascular structures and disease types, with manifestations of symptomatic or asymptomatic left ventricular dysfunction, hypertension, arrhythmias, prolonged QT interval, thromboembolism and myocardial ischemia, that often result in discontinuation of cancer therapy, thereby compromising patient outcomes.

With the growing awareness of these cardiovascular complications in cancer patients and survivors, demand for a multidisciplinary approach has led to the development of cardio-oncology structured programs aimed at caring for these patients, particularly in large, academic, tertiary institutions.

It is challenging to keep updated in the continuous evolution of the knowledge in this field. How to diagnose and manage cardiotoxicity and its relevance in cancer treatment; how to follow cancer patients and survivors, are some of the educational needs regarding the clinical approach of cancer patients with cardiovascular problems.



# **IV POSTGRADUATE UPDATE COURSE** **in Cardio-Oncology**

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**Miguel Nobre Menezes**



# **IV POSTGRADUATE UPDATE COURSE**

## **in Cardio-Oncology**

### **SPEAKERS AND CHAIRPERSONS**

#### **National**

Ana Abreu (CHULN, Lisboa, PT)  
Ana Duarte (FMUL, Lisboa, PT)  
Ana Rita Sousa (CHULN, Lisboa, PT)  
André Figueiredo (CHULN, Lisboa, PT)  
António Vaz Carneiro (FMUL, Lisboa, PT)  
Beatriz Silva (CHULN, Lisboa, PT)  
Bruno Silva-Santos (FMUL, Lisboa, PT)  
Carlos Martins (CHULN, Lisboa, PT)  
Catarina Abreu (CHULN, Lisboa, PT)  
Cláudia Jorge (CHULN, Lisboa, PT)  
Daniel Caldeira (CHULN, Lisboa, PT)  
Doroteia Silva (CHULN, Lisboa, PT)  
Dulce Brito (CHULN, Lisboa, PT)  
Francisco Enguita (FMUL, Lisboa, PT)  
Joana Rigueira (CHULN, Lisboa, PT)  
João Agostinho (CHULN, Lisboa, PT)  
Júlia Toste (Hospital da Luz, Lisboa, PT)  
Karine Serre (FMUL, Lisboa, PT)  
Leonor Ribeiro (CHULN, Lisboa, PT)  
Manuel Neves (Fundação Champalimaud, Lisboa, PT)  
Maria Rita Dionísio (CHULN, Lisboa, PT)  
Mariana Saraiva (HDS, Santarém, PT)  
Nuno Cortez-Dias (CHULN, Lisboa, PT)  
Nuno Lousada (CHULN, Lisboa, PT)  
Patrício Aguiar (CHULN, Lisboa, PT)  
Rita Pinto (FMUL, Lisboa, PT)  
Rui Plácido (CHULN, Lisboa, PT)



# IV POSTGRADUATE UPDATE COURSE in Cardio-Oncology

## SPEAKERS AND CHAIRPERSONS

### International



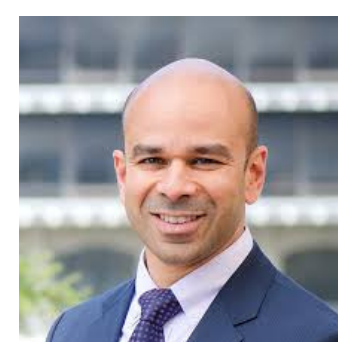
**Alexander Lyon** (Clinical Lead for Cardio-Oncology Service, Royal Brompton and Harefield Hospitals NHS Foundation Trust, London, UK)



**Daniel Lenihan** (Cardio-Oncology Center of Excellence, Washington University School of Medicine, Washington, USA)



**Ludhmila Hajjar** (Clinical Lead for Cardio-Oncology, Incor – Instituto do Coração, São Paulo, Brazil)



**Mandar Aras** (Advanced Heart Failure and Heart Transplant, University of California, San Francisco, USA)



**Michael Fradley** (Penn Heart and Vascular Center, Perelman Center for Advanced Medicine, Philadelphia, USA)



**IV POSTGRADUATE UPDATE COURSE**  
**in Cardio-Oncology**

# PROGRAMME

IV POSTGRADUATE UPDATE COURSE



# **IV POSTGRADUATE UPDATE COURSE**

## **in Cardio-Oncology**

### **DAY 1**

**17 March 2021**

**14.00** Welcome/Introduction

**Fausto Pinto, Manuela Fiuza**

**14.10 Keynote:** Challenges posed by the COVID-19 Pandemic in Cardio-Oncology Care

**Daniel Lenihan**

**Chair: Andreia Magalhães**

**14.40** Cardio-Oncology Needs from the Perspective of an Oncologist - **Maria Rita Dionísio**

**Chair: Catarina Abreu**

**15.10** Contemporary Breast Cancer Therapy - **Ana Rita Sousa**

**Chair: Leonor Ribeiro**

**15.40 KEYNOTE:** Immunotherapy-Associated Cardiotoxicities: Where Are We Going?

**Mandar Aras**

**Chair: Bruno Silva Santos/Karine Serre**

**16.10** Metabolic Syndrome and Cardiovascular Effects of Androgen Deprivation Therapy in Prostate Cancer Patients - **Patrício Aguiar**

**Chair: Manuela Fiuza**

**16.40** Identifying and Managing Radiation Induced CVD - **Manuela Fiuza**

**Chair: André Figueiredo**

**17.10** MGUS, Multiple Myeloma: Understanding the Spectrum of Plasma Dyscrasia - **Manuel Neves**

**Chair: Carlos Martins**

**17.40** New Strategies in Cardiac Amyloidosis - **Dulce Brito**

**Chair: Daniel Lenihan**

**18.10** Adjourn



# IV POSTGRADUATE UPDATE COURSE

## in Cardio-Oncology

### DAY 2

**18 March 2021 - Morning**

**9.10 KEYNOTE:** Baseline cardiovascular risk assessment in cancer patients scheduled to receive cardiotoxic cancer therapies – **Alexander Lyon**

**Chair: Manuela Fiuza**

**9.40** Managing Acute and Chronic Coronary Syndromes in Cancer Patients – **Miguel Nobre Menezes**

**Chair: Cláudia Jorge**

**10.10** Structural transcatheter cardiac interventions in cancer patients – **Cláudia Jorge**

**Chair: Miguel Nobre Menezes**

**10.40** 5-FU Induced Cardiotoxicity – **Júlia Toste**

**Chair: Miguel Nobre Menezes**

**11.10** Hypertension management in cardio-oncology – **Andreia Magalhães**

**Chair: Júlia Toste**

**11.40** Pulmonary Hypertension in the Era of Modern Cancer Care – **Rui Plácido**

**Chair: Nuno Lousada**

**12.10** Exercise in Cancer: Can it Mitigate Cardiotoxicity? **Ana Abreu**

**Chair: Rita Pinto**

**12.40 KEYNOTE:** Cost-effectiveness of cardio-oncology clinical assessment for prevention of chemotherapy-induced cardiotoxicity – **Ludhmila Hajjar**

**Chair: Miguel Nobre Menezes**

**Lunch break**



# IV POSTGRADUATE UPDATE COURSE

## in Cardio-Oncology

### DAY 2

**18 March 2021 - Afternoon**

**14.10** Non-coding RNAs in Cardio-Oncology: predictive potential for future cardiovascular events  
- Nuno Cortez-Dias

Chair: Francisco Enguita

**14.40** Appropriate Uses of Echocardiography in Cancer Patients – where are we with strain imaging? - Joana Rigueira

Chair: Manuela Fiuza

**15.10** Heart failure and cancer – unraveling the link - João Agostinho

Chair: Doroteia Silva

**15.40** Anticoagulation in patients with cancer - Miguel Nobre Menezes

Chair: Daniel Caldeira

**16.10** Keynote: Cardio-Oncology: The Electrophysiologist's Perspective - Michael Fradley

Chair: Andreia Magalhães

**16.40** Artificial intelligence in cardiology: should/can doctors take the leap? - Miguel Nobre Menezes

Chair: António Vaz Carneiro

**17.10** Cardiovascular disease in cancer survivors - Manuela Fiuza

Chair: Andreia Magalhães

**17.40** Cardio-Oncology Education and Training - Andreia Magalhães

Chair: Manuela Fiuza

Panel: Mariana Saraiva; Beatriz Silva; Ana Duarte

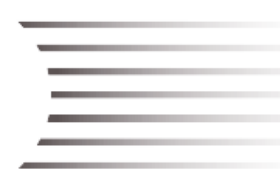
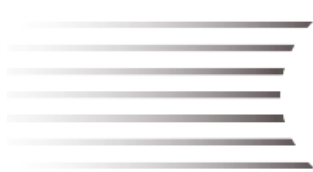
**18.10** Quiz

**18.30** Adjourn



# IV POSTGRADUATE UPDATE COURSE in Cardio-Oncology

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