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# The European Heart Academy of the ESC

Diploma of Advanced Studies in  
Cardiac Arrhythmia Management  
(DAS-CAM)



# European Heart Academy

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**DRIVE THE FUTURE OF CARDIOLOGY!**

**Our mission:** To champion academic excellence by fostering future leaders in cardiovascular medicine

- **Founded in Autumn 2013**
- Located in **Brussels** within the **European Heart Agency** of the ESC

# European Heart Academy

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## DRIVE THE FUTURE OF CARDIOLOGY!

**Our mission:** To champion academic excellence by fostering future leaders in cardiovascular medicine

- **Ground-breaking cardiovascular education** in partnership with respected **European universities**
- **Advanced level courses leading to officially recognized academic degrees** in key areas of cardiovascular medicine
- **The most prominent cardiologists in the field for the best students**

# European Heart Academy

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- Certificate of Advanced Studies  
in **Heart Failure**
- Master of Sciences in **Health Economics**  
with focus on **Cardiovascular Sciences**
- Diploma of Advanced Studies in **Cardiac**  
**Arrhythmia Management**
- Master of Sciences in **Translational**  
**Cardiovascular Medicine**



# Diploma of Advanced Studies in Cardiac Arrhythmia Management (DAS-CAM)

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**Tom De Potter**  
**Gerhard Hindricks**

**DAS-CAM**

**Harry Crijns**

**Paulus Kirchhof**



# Diploma of Advanced Studies in Cardiac Arrhythmia Management (DAS-CAM)

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## Reasoning

- One of **the key needs** identified by ESC is the **training of future leaders in arrhythmia management and research with a wide view of the societal and economical perspectives**
- To address this need, a new innovative educational programme was designed: "Diploma of Advanced Studies in Cardiac Arrhythmia Management" (DAS-CAM)
- Joint initiative between the European Heart Rhythm Association (EHRA), the European Heart Academy and the Maastricht University Medical Centre

# Diploma of Advanced Studies in Cardiac Arrhythmia Management (DAS-CAM)

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**Trains future leaders in arrhythmia management and research**

- **Empower leading and emerging electrophysiologists** to move to
  - Leadership roles in their hospitals, universities, and other work environments
  - Leadership roles in clinic or hospital management
  - Roles in regulatory, assessment and evaluation bodies
  - Advisory roles in national or international organisations
  - Development and management roles for arrhythmia units
  - Managerial role involving the societal impact and the health economics of arrhythmias
- **Certification:** Diploma of Advanced Studies issued by the Maastricht University (30 ECTS)

# DAS-CAM programme - Innovative Approach

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- The programme addresses the following perspectives:
  - Up-to-date **cardiac arrhythmology** from mechanisms and ECG reading to novel and complex interventions
  - The **regulatory** and **societal** dimension of arrhythmia management
  - Cardiovascular **biostatistics**\*
  - **Leadership** development of the participants\*
  - **Health economics** perspective\*

\* integrated into the taught content

# DAS-CAM programme - Overview

- **8 modules** distributed over two years
- Each module contains:
  - 4-day in-person training and
  - Self study and e-learning
- Small-group teaching, lectures, hands-on training, projects
- Interaction with European leaders in the field

# Module topics and module leads (1)

## 1/ The art of ECG reading – a Maastricht reunion

Anchor persons: Jerónimo Farré, Hein Wellens, Joep Smeets

## 2/ Fundamentals of cardiac arrhythmogenesis

Anchor persons: Josep Brugada, Ulrich Schotten

## 3/ How to organize an arrhythmia unit?

Anchor persons: Gerhard Hindricks, Christophe Leclercq

## 4/ Atrial fibrillation

Anchor persons: John Camm, Harry Crijns

# Module topics and module leads (2)

## 5/ Ventricular tachycardia

Anchor persons: Karl-Heinz Kuck, Paolo Della Bella

## 6/ Cardiac pacing, defibrillation and electrical management of heart failure

Anchor persons: Frits Prinzen, Angelo Auricchio

## 7/ Sudden arrhythmic death

Anchor persons: Paul Volders, Arthur Wilde

## 8/ Guidelines, regulations and wrap-up

Anchor persons: Paulus Kirchhof, Barbara Casadei

# DAS-CAM added value: interwoven content

- General **leadership**, communication and social skills, public engagement
- The **business** of running an arrhythmia service
- **Research** leadership in Europe
- How to initiate / support / drive **innovation**
- The **European regulatory** landscape – an update for drugs and devices
- Interacting with **industry partners** in a decent way
- Arrhythmia stakeholders in Europe: **Patients, Pressure Groups, Parliament**, etc.
- **Networked** success
- Enhance **entrepreneurial** behaviour
- Building **effective teams**

# At a glance

- **Who should attend?**

- Emerging leaders in arrhythmia management and research, e.g.
  - early to mid career clinical cardiac electrophysiologists (including exceptional trainees)
  - experienced electrophysiologists seeking further development
- **30 places** per two years cohort

- **Indicative locations:**



# At a glance

- **Indicative start date:** Autumn 2016 / Spring 2017\*
- **Fees and Funding\***
  - DAS-CAM will be available for self-funded students
  - Limited number of scholarships will be provided
- **More information:** [www.EuropeanHeartAcademy.org](http://www.EuropeanHeartAcademy.org)  
[www.dascam.org](http://www.dascam.org)

\* contract signature pending

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***To champion academic excellence by  
fostering future leaders in  
cardiovascular medicine***