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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

www.EuropeanHeartAcademy.org



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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**

www.EuropeanHeartAcademy.org



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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



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

 **Maastricht UMC+**

 **Maastricht University** *Leading in Learning!*



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Reasoning

- One of **the key needs** indentified 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
www.dascam.org

* contract signature pending

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