## The European Heart Academy of the ESC

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







ESC



## **European Heart Academy**

#### **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**

#### **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**

 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



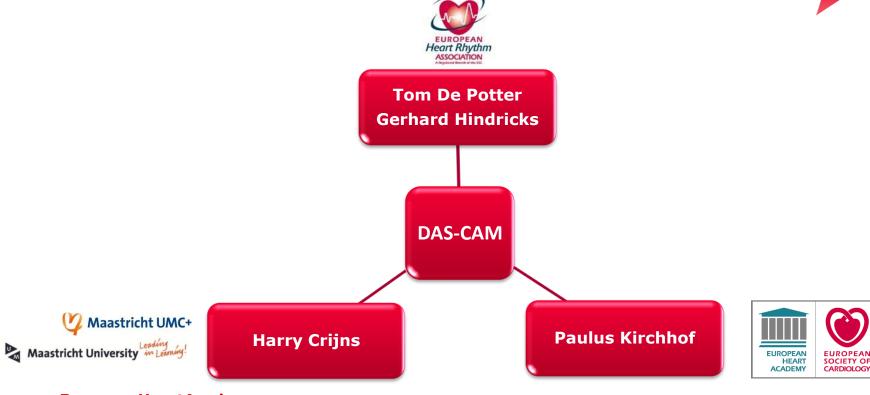
Master of Sciences in Translational
 Cardiovascular Medicine





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





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



#### 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)



#### 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

- 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







#### WE ARE THE **ESC**

### **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







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### 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

## WE ARE THE ESC

#### • 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

WE ARE THE **ESC** 

- 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: <a href="www.EuropeanHeartAcademy.org">www.EuropeanHeartAcademy.org</a>
  www.dascam.org

\* contract signature pending







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



