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EHRA

- Training Fellowship
- Proctorship Programs

C. Carbucichio



EHRA TRAINING FELLOWSHIP COMMITTEE

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- ❖ Chairperson Dr. Corrado Carbucicchio Italy

- ❖ Co-Chairperson Dr. Antonio Berruezo Spain

- ❖ Members
 - ❖ Dr. Elena Arbelo Spain
 - ❖ Prof. Isabel Deisenhofer Germany
 - ❖ Dr. Mihaela Grecu Romania
 - ❖ Dr. Massimiliano Marini Italy
 - ❖ Prof. Germanas Marinskis Lithuania
 - ❖ Dr. Sascha Rolf Germany

MAIN ACTIVITIES

TRAINING FELLOWSHIP PROGRAMME

- ❖ Launched in 2007
- ❖ Aims:
 - ✓ To provide an opportunity to complete an advanced clinical training in the field of EP / CP in an ESC regular member country other than their own
 - ✓ *To help young candidates attain clinical competence and acquire high quality experience in interventional practice which will enable them to contribute to improve academic and procedural standards when they return to their country.*

PROCTOR PROGRAMME

- ❖ Launched in 2015
- ❖ Aim: to provide support for physicians (and former winners of the EHRA training fellowship programmes) to undertake training in specific new and emerging techniques at established centres-of-excellence. “Bidirectional” format.
- ❖ *A key aim of this programme is to foster innovation and facilitate knowledge sharing where it is most needed.*

www.escardio.org/EHRA

EHRA TRAINING FELLOWSHIP

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- ❖ Since 2007 already 130 fellows and centres have been selected
- ❖ EHRA applies a unique selection process consisting of connecting centres and individuals who have applied to the programme
- ❖ Supported by an unrestricted grant from Industries

EHRA TRAINING FELLOWSHIP

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TWO DIFFERENT SPECIALITIES:

- ❖ **Clinical electrophysiology with emphasis on catheter ablation (1 year):**
The fellow will gain advanced theoretical and practical knowledge in the field of diagnosis (advanced mapping) and ablation of complex substrates such as: atrial fibrillation, LA re-entry tachycardia, VT in structural heart disease and in difficult anatomic access procedures, such as aortic root, epicardial mapping
- ❖ **Cardiac pacing with emphasis on ICD/CRT (1 year)**
The fellow will gain advanced theoretical and practical knowledge in the fields of pacemaker and ICD implant including bi-ventricular pacing in heart failure patients, Leads and devices extractions and other challenging situations

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SELECTION CRITERIA

❖ For Individuals

- To be citizen or permanent resident of a country which is a regular ESC member country
- To have completed parts of their cardiology training but before becoming a “permanent” / “senior staff” / “consultant” doctor
- To be preferably less than 40 years of age
- To be EHRA member (mandatory)
- “Career” intentions (applicant’s commitment and merits, presumed impact on their own country)

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Timelines

- ❖ Application process opens in September
- ❖ Deadline to apply: December (with extension until January)
- ❖ Selection process in February/March
- ❖ Announcement of Results: April

Level of support

- ❖ Fellows will receive a sum of 25,000.00 € per annum for their living expenses

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DUTIES OF THE CANDIDATES:

- Fill in and send a preliminary and intermediary report through a questionnaire (for Ablation fellows)
- Send a final reports (quantitative report signed by fellow and centre and qualitative report signed by fellow)
- Is supposed to sit for a EHRA certification exam
- Publish two or more papers preferably in the EP Europace Journal or in any other equivalent peer review journal
- To support purposes of development in his/her own country

EHRA PROCTOR PROGRAMME

A “new” program of advanced practical training

on specific (complex/novel) techniques (march 2014)

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Proctor Programme



The Proctor programme has been created by EHRA to ease the transition from fellowship to independent practice once having completed the EHRA Training Fellowship Programmes or to acquire additional techniques, either in the field of Arrhythmias or Cardiac Pacing.

Application submission is now open until 30 July 2014.

Highlight On

JOIN US

February 2014

- ❖ The goal of this award is to give the opportunity to established physicians to get familiar with additional techniques / strategies
- ❖ With the aim to adopt this approach in their EP lab, under the guide of a very experience “trainer” (education and supervision)

EHRA PROCTOR PROGRAMME

A “new” program of advanced practical training

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Highlight On

JOIN US

February 2014

How does it work?

- ❖ 1 or 2 weeks mentee's visit at the hosting Centre
- ❖ Intermediate time period for mentee to implement the learned new technique or strategy
- ❖ Supported by mentor visit at the mentee's Centre

EHRA PROCTOR PROGRAMME

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- ❖ **Since 2015 already 10 fellows and centres have been selected**
- ❖ **Thanks to an unrestricted grant from Industries**
- **Application Criteria for Individuals (“mentees”) for Catheter Ablation / Devices**
 - *A clear need for implementation of a specific technique or a specific therapeutic strategy*
 - Basic theoretical and practical experience
 - Good experience in the EP / CP field (at least 200 catheter ablations / 100 PM + 50 ICD implants), prior EHRA training fellowship welcome
 - Fluent English / national language of the proctor’s centre

PROCTOR PROGRAMME: ...attractive topics

- AF Balloon Cryo-ablation
- LAA Closure
- Transvenous Lead extraction
- Leadless PM
- S – ICD
- Advanced strategies of 3D mapping

EHRA PROCTOR PROGRAMME

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Timelines

- ❖ Application process opens in April
- ❖ Deadline to apply: July
- ❖ Selection process in August
- ❖ Announcement of Results: September

Level of support

- ❖ The applicant (mentee) will receive the sum of 500€ per week for a maximum of 2 weeks plus 500€ per travel (maximum 2) and 150€/hotel night (if needed).
- ❖ The mentor will receive the sum of 500€ plus 500€ for travel and 150€/hotel night.

The hosting centre (mentor's centre) will receive 2000€ for providing training to the applicant (mentee)

Training Fellowship and Proctor Programs

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What are our key-actions ?

- To redefine selection criteria, for Centers but also for Applicants, in both Programs:
 - Centers pre-requisites and score ranking?
 - Applicants pre-requisites and score ranking ?
(...priority to talented applicants especially taking into consideration EPs with limited resources in their country)
- To optimize the match between Applicants and Centers

Training Fellowship and Proctor Programs

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What are our key-actions ?

- To promote the bidirectional interaction with NSs and WGs in an effort to recognize and fulfill local expectations and to get closer to countries developing a common platform of clinical and scientific development
- This will also help finding solutions for legal and linguistic issues

Training Fellowship and Proctor Programs

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What are our key-objectives ?

- To reinforce the cooperation with industries, as partners: based on a common desire of clinical improvement and expansion we should be able to identify and share common endpoints and specific programs of training under the umbrella of EHRA: this implies more resources for EHRA and more visibility for industries

Proctor Programme: new perspectives

- Define a list of specific topics (novel techniques and technologies) that are attractive based on specific clinical and social needs, taking into account the importance of promoting / developing these strategies in specific geographic areas of interest
- EHRA will explore the availability and propose high quality Centers in agreement with Industries

Thank You !

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EHRA PROCTOR PROGRAMME

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SELECTION CRITERIA

❖ For Centres

Catheter ablation

		Device	
• Catheter ablations	350 / year	Pacemaker	50 / year
• Atrial fibrillation	100 / year	ICD	50 / year
• Ventricular tachycardia	10 / year	Bi-Ventricular devices	25 / year
• Left atrial tachycardia	10 / year		

- In addition there should be:
- At least one dedicated EP lab
- At least 2 qualified EPs in the department
- Active use of a 3D mapping system
- Minimum of one procedure performed daily
- Good teaching ability

EHRA PROCTOR PROGRAMME

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SELECTION CRITERIA

❖ For Individuals

• Application Criteria for Individuals (mentee) for Catheter Ablation

- A clear need for implementation of a specific technique or programme.
- Catheter ablation of simple arrhythmias: shall have performed at least 200 catheter ablations or have completed a regular EHRA training fellowship program on EP.
- Fluent English or fluency in the national language of the proctor's centre.

• Application Criteria for Individuals (mentee) for Devices

- Basic theoretical and practical experience of:
- Pacemaker and ICD (1 and 2 leads): will have implanted 100 pacemakers or 50 ICDs or have completed a regular EHRA training fellowship program on ICD/CRT devices.
- Fluent English or fluency in the national language of the proctor's centre.

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DUTIES OF THE CENTRES

- **Publish papers preferably in the EP Europace Journal or in a peer journal.**
- **Sign the quantitative report jointly with fellow**
- **Fill in, at the end of the training, the online questionnaire**

EHRA PROCTOR PROGRAMME

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How does it work?

- ❖ *The specific technique/procedure to be acquired may include but are not limited to:*
 - *Complex ablation procedures, such as: atrial fibrillation, left atrial re-entry tachycardia, re-entrant ventricular tachycardia and ventricular tachycardia in difficult anatomic access procedures, such as aortic root and epicardial mapping.*
 - *Device implantation, such as: biventricular pacing, lead implantation in special positions, lead extraction.*

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SELECTION CRITERIA

❖ For centres

- Catheter ablations 350 / year
 - Afib 100 / year
 - VT 10 / year
 - LA Tach 10 / year
-
- **In addition there should be:**
 - At least one dedicated EP lab
 - At least 2 qualified EP in the department
 - Active use of 3D mapping systems
 - Minimum of one procedure performed daily
 - Evidence of teaching ability (current active fellowship programme)
 - Fluent English

Final remarks

To provide **high level practical training** in cardiac rhythm disorders management in the ESC area (ESC member and affiliated countries) in order to improve quality and to reduce differences in clinical practice