



# **5th ESC Education Conference**

**31 January – 1 February 2018**

# Feedback on 4th Education Conference

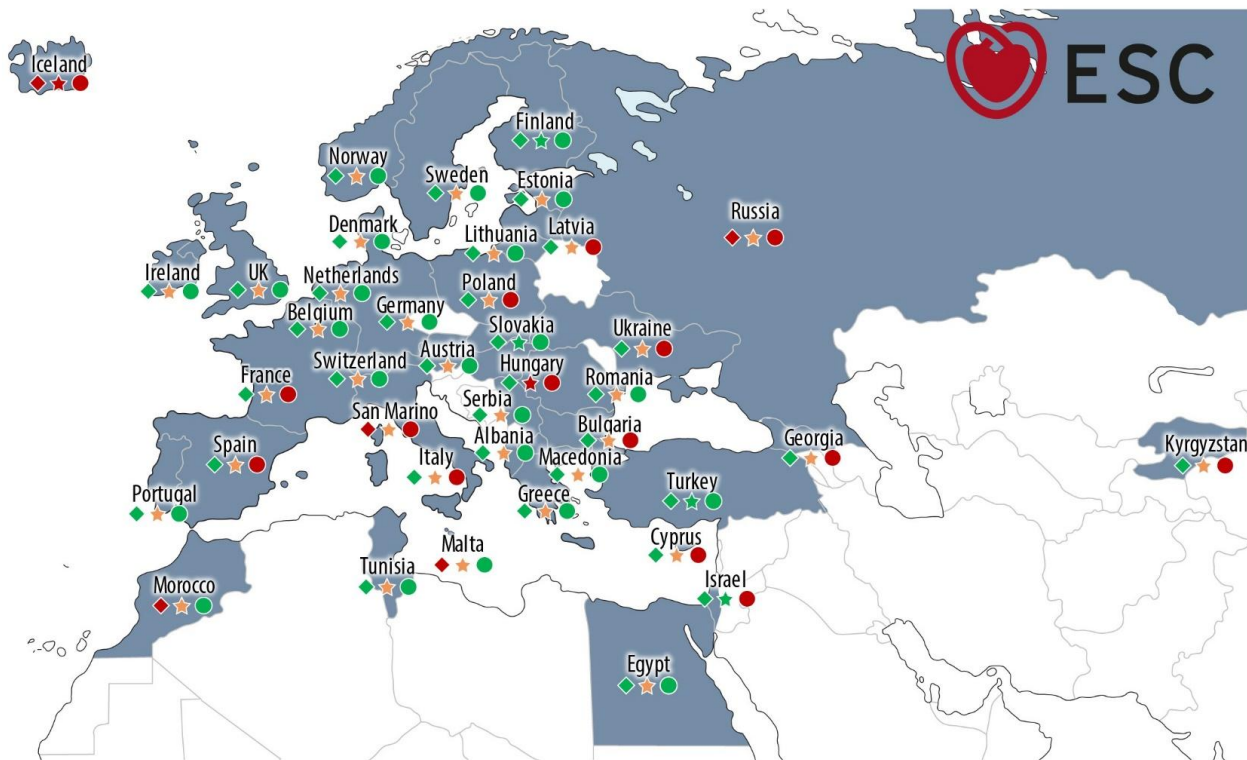
- Focused on knowledge and skills assessment for cardiology trainees and cardiologists.
- 77 participants, representing 43 countries, including representation from the ESC Young Community.
- Prior to the conference, National Training Directors asked to prepare summaries of the current state of training in their countries.
- During the conference, six semi-structured workshops plus plenary.
- Immediately following the conference, all participants invited to complete a structured online survey.

# Feedback on 4th Education Conference

- Outcomes were mapped onto existing and planned educational activities by the ESC to develop a roadmap to improve cardiovascular education.
- **Published in European Heart Journal - 31 January 2018**



# Survey of Cardiology Training



◇ National Curriculum  
for Cardiology

◆ Yes ◆ No

★ Training in accordance  
with the ESC curriculum

★ Yes ★ Partially ★ No

○ Directly-observed  
procedural skills

● Yes ● No

# Knowledge & Skills: Cardiologists **in-training**

## What goes well?

### Knowledge

- National training programmes for Cardiology are available in the majority of countries
- Most follow the ESC Core Curriculum and involve the National Cardiac Society
- Training centres are usually accredited at a national level

### Skills

- Paper and electronic portfolios to record practical procedures
- Specific skills-based assessments in some countries, including labs and simulators
- Several larger countries have a mentorship system with positive results for trainees

## Where are the limitations?

### Knowledge

- Subspecialty curricula and assessment are often not available
- Lack of widespread 360 degree feedback (from peers and other healthcare workers)
- Many countries lack opportunities for mentorship, simulation or further research

### Skills

- Assessment of skills in practice is challenging
- Debate over numbers of procedures completed versus the quality of the skill obtained
- Lack of systems in place for quality control of training

# Knowledge & Skills: Cardiologists **in-practice**

## What goes well?

### Knowledge

- In some countries, there is efficient recording of continued medical education (CME)
- There are variable national requirements, but in some countries evidence of CME is required for revalidation and/or recertification of cardiologists

### Skills

- Proctoring for speciality skills and interventions (for example, transcatheter valve implantation and advanced percutaneous coronary intervention)
- Review of cases and problems by peers in a multi-disciplinary setting

## Where are the limitations?

### Knowledge

- Lack of consistency and control of CME, or the ability to easily record activities
- Practicing cardiologists more likely to receive biased or industry-based knowledge
- Few countries have requirements for assessment of cardiologists once qualified

### Skills

- Difficulty maintaining skills without peer-interaction for office-based cardiologists
- Lack of peer to peer assessment, recertification and training for trainers
- Working time directive/regulation constraints on service provision to training ratio

# Roadmap for ESC Education

How can the ESC help	Where are we going?
Synergy across different platforms	An ESC topic list has been created to index and crosslink educational content across the ESC, including conferences, the new ESC textbook (3rd edition) and the online programmes offered on ESCeL
Improving access to online education	Enhance the usability of ESCeL, integration with the new ESC textbook, update of the general cardiology curriculum, and the addition of more courses
Keeping educational material up-to-date	Shorter, more interactive and up-to-date webinars with an enhanced Clinical Case Gallery
Practice guidelines as a learning tool	Improve the educational resources associated with each guideline
Translation of educational material (especially guidelines)	Improve access to translated documents in close cooperation with National Cardiac Societies
Engage learners in their training and CME	Engage with state-of-the art instructional design and adult learning science

# Roadmap for ESC Education

Cardiologists in-training	Certified Cardiologists
ESC advocacy: lobby and influence training programmes at a national and European level	Support needed on collection and reporting of Continued Medical Education (CME)
Opportunity to identify centres that are interested in exchange of trainees	ESC grants to support research, education and attendance at events, as well as the Masters and diploma programmes
Sub-specialty curricula and increase access to the European Exam in General Cardiology (EEGC)	Opportunities for external networking and exchange of mentors



# “Virtuous Circle”

