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# ESC Education

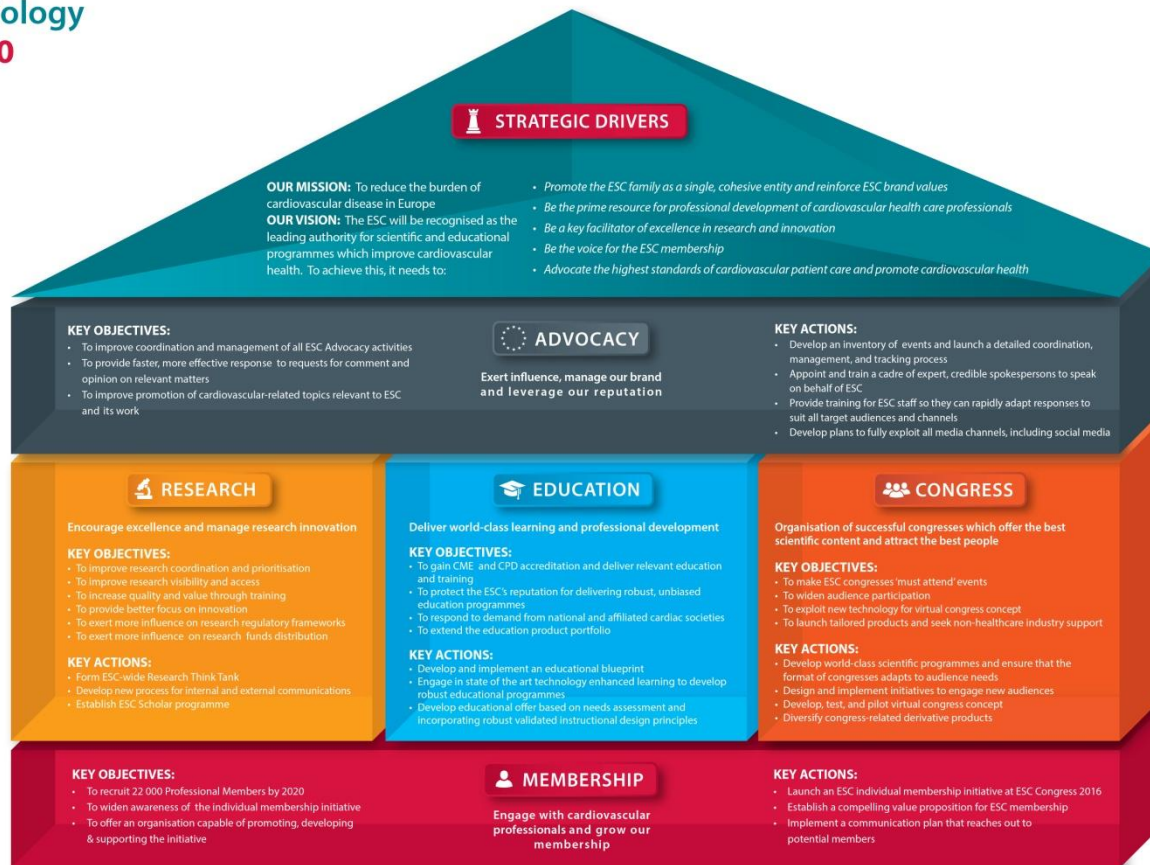
*learning & change*

*raising educational standards  
improving outcomes*

April 2016



# European Society of Cardiology Strategic Plan 2016 - 2020



## STRATEGIC TRENDS

- Gender flip (70% of cardiologists in training are women)
- Generation gap (leading to cultural changes)
- Geographical reach
- Increasing economic pressure in health care
- Stringent regulatory environment
- IT revolution
- Member engagement, retention and recruitment

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# Strategic plan 2016-2020 Education

# Key objectives

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Accreditation (CME- CPD)

Relevant education and training

Robust, unbiased education programmes

Respond to demand from the NCS/ affiliated

Extend the education product portfolio

# Key actions

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Develop and implement an educational blueprint

Engage in technology enhanced learning to develop robust educational programmes

Develop educational offer based on needs assessment and incorporating robust validated instructional design principles

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## Live Events

Educational  
Blueprint

## eLearning

Interactivity  
Case-based  
Self-assessment

## Assessment & Quality Assurance

exam delivery  
Outcome  
measurement

Dissemination of ESC Practice Guidelines & addressing gaps in practice

# Continuing Education and Training catalogue 2014-2015

**Lifelong Learning**  
in Cardiology



[www.escardio.org](http://www.escardio.org)

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## ESC Educational Offer

### Online catalogue

Available from the 'Career Development'  
section of the ESC website

<http://www.escardio.org/Guidelines-&-Education/Career-development>

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# ESC Live Events Policy

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**Newly validated by the ESC Board (12/2015)**

**Implementation of the ESC Educational Blueprint**

**Single entry point for submission of endorsement requests**

**3 types of events**

ESC Member Courses in collaboration with National Cardiac Societies

ESC Branded events

Other events in collaboration with the ESC

<http://www.escardio.org/Congresses-&-Events/Courses/Endorsement-Live-Events/esc-endorsement-for-live-events-in-general-cardiology>



# ESC Educational Blueprint

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The Scientific Programme will systematically be reviewed by the ESC Education Committee and must comply with the following ESC Blueprint:

# ESC Educational Blueprint

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Events must not promote single products or devices

Learning objectives and expected outcomes must be clearly defined

The programme must be based on recent ESC guidelines/ESC consensus documents

# ESC Educational Blueprint

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Case-based presentations are strongly encouraged

It has to be interactive to better engage participants (via group discussions, breakout sessions, voting...)

It should align with identified needs and assess progression, an evaluation mechanism must be implemented (pre- & post-tests)

# ESC Educational Blueprint

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Feedback on the event is required

Local National Cardiac Societies should be informed of the event and be involved in it if possible

# ESC eLearning offer

## A wealth of online tools



# ESC Clinical Case Gallery

## Aim:

- to present real and typical clinical scenarios
- to discuss findings and management in the light of current ESC recommendations
- to follow the clinical course of the case

## Opportunity to get citation

- ➔ Submit your clinical case to the ESC Education Committee

<http://www.escardio.org/Guidelines-&-Education/E-learning/Clinical-cases/General-cardiology>

# ESC Webinar Series general cardiology

## tips for daily practice – ESC Guidelines into practice

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## 10 case-based webinar per year

Interactive live sessions online

Recently published Guidelines into practice

Pre-tests before the event

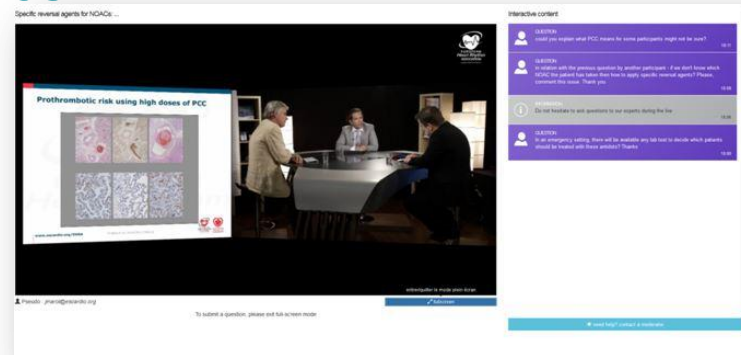
Engaging participants

Informing speakers' presentations

Post-tests after the event

Assessing knowledge retention

Engaging learners beyond the event



# Guidelines into Practice Tracks

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## For recently published Practice Guidelines

The best of ESC Congress curated and structured by experts

Particular emphasis placed on clinical implementation of said guidelines

Cross-linking to relevant educational material (webinars, cases, ...)

<http://www.escardio.org/Guidelines-&-Education/Practice-tools/Guidelines-into-Practice-Tracks/Guidelines-into-Practice-Tracks-list>





# Online Programmes & Courses

## ESC eLearning platform



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## Training programmes online

## Course catalogues for lifelong learning

## Over 300 courses available

- ✓ Interactive
- ✓ Self-assessment
- ✓ From self-paced to directed programmes

## A wealth of structured & curated content

Areas of Study	
General Cardiology	▶
Subspecialties	
Acute Cardiac Care	▶
Cardiovascular Imaging	▶
Heart Failure	▶
Heart Rhythm	▶
Percutaneous Interventions	▶
Prevention & Rehabilitation	▶

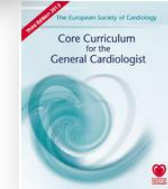


# General Cardiology Programme on the ESC eLearning platform



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Structured around the ESC Core Curriculum  
→ Training framework for the general cardiologist



Modular approach: knowledge, skills, professional development

Launched in March 2016

- **Training Programme** → open to NCS Trainees only (enrolment via the NCS exclusively)
- **Continuing Professional Development programme** for Lifelong Learning



# Assessment & Quality Assurance

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Increasingly, all educational activities at ESC contain a self-assessment component (pre/post testing)

In addition, the ESC offers a series of examinations

In general cardiology

In subspecialties of cardiology



# Evaluation mechanism at the service of National Societies



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## European Exam in General Cardiology (EEGC)

An 'Opt-in' programme for National Societies

Not an exit exam

Complement to workplace-based assessments of national training programmes

Ensures that cardiology trainees demonstrate adequate knowledge of the European Core Cardiology curriculum

→ Developed **for** NCS, **by** NCS – Collaborative initiative involving trainers and trainees from several European countries

# Future initiatives toward outcome measurement

# Future initiatives

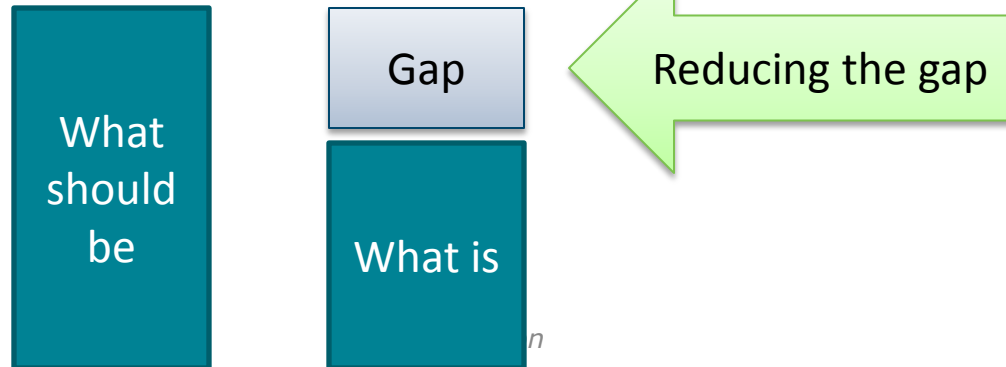
toward outcome measurement

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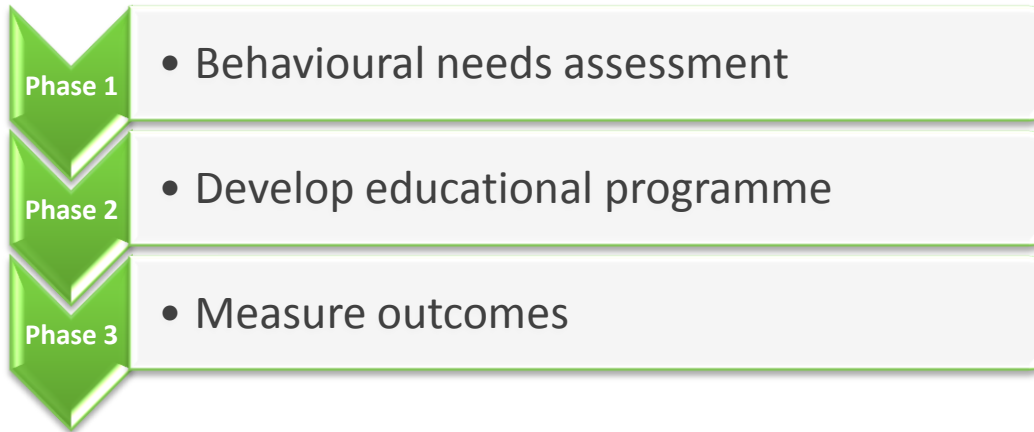
## ESC started 3 evidence-based initiatives

The aim is to identify perceived and unperceived needs, gaps in clinical practice in order to develop educational programmes that are needs-driven and evidence-based.

**Next step → outcome measurement initiatives**



# 3-step programmes



## ESC has initiated the following programmes

- in stroke management & prevention in Atrial Fibrillation
- in raising awareness in Mitral Regurgitation
- in addressing gaps in cardiac education and performance improvement

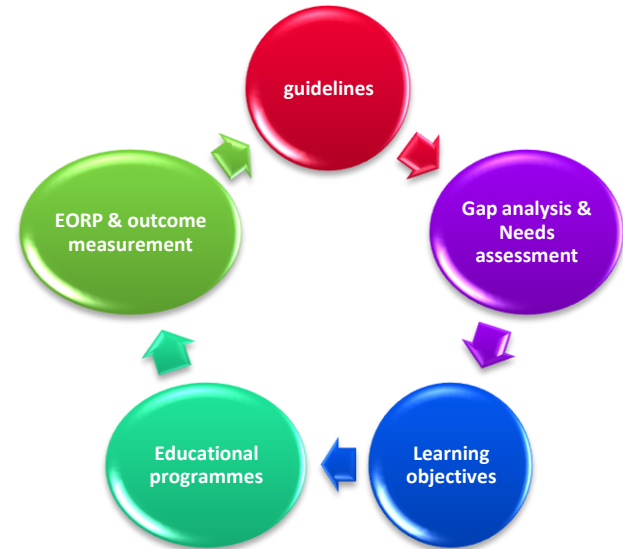
# Ultimate Aim → Outcome measurement toward the 'Virtuous Circle'

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Long term goal is to link

- Education
  - Practice Guidelines
  - Registries
  - Scientific publications
- for the whole of cardiology

The wealth of ESC wisdom targeting  
practice gaps in clinical realities





# Thank you!

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