

ESC Education catalogue 2019 - 2020

● Lifelong Learning in Cardiology



● www.escardio.org

ESC Education

dedicated to excellence



+32,000

healthcare professionals
from **150** countries at
ESC Congress



+800

courses on the ESC
eLearning platform



6,000

CME certificates



+25

Guidelines into
Practice Tracks

28

ESC Training, Research
and Nursing grants



subspecialty Congresses
all around Europe



20

ESC subspecialty courses
all around Europe



Exams with
1,900 candidates



Postgraduate students
in the European Heart
Academy's programmes



120

ESC Clinical Cases
reviewed and published



Webinars

ESC

Education catalogue

2019 - 2020

Training and Certification in Cardiology

Supporting training in cardiology and continuing medical education are commitments essential to the ESC mission: “to reduce the burden of cardiovascular disease”.

This brochure consolidates the activities of the ESC and its constituent bodies (National Cardiac Societies, Associations, Working Groups and Councils) in order to guide you through your **Lifelong Learning, Continuing Medical Education (CME), Continuing Professional Development (CPD), research and certification needs**.

All ESC educational activities are structured around ESC curricula and aim to address gaps in clinical practice, hence ensuring sound education and Lifelong Learning. Increasingly, ESC educational activities involve self-assessment. This is becoming ever more systematic with **e-Learning products**, and ultimately with the growing **certification** activities of the ESC Associations and Working Groups.

The ESC Family of Educational Products comprises:

- Courses on the ESC eLearning platform
- Webinars
- Clinical Cases
- Guidelines into Practice Tracks
- Live Events
- Publications, Textbooks, Journals & Consensus documents

Finally, the ESC is an advocate and supporter of research. Therefore, this guide provides information on the variety of **research and training grants** offered by the ESC and its constituent bodies each year.



Paulus Kirchhof
Chair, Education Committee
2018-2020



E-Learning & Courses



Certification Exams & Logbooks



Postgraduate Programmes



Grants

The full spectrum

Training & Certification



of cardiology

Table of Contents

Based on ESC Topic list

MAIN TOPICS	PAGE
AORTIC DISEASE, PERIPHERAL VASCULAR DISEASE, STROKE	5
ARRHYTHMIAS AND DEVICE THERAPY	5
BASIC SCIENCE	6
BASICS	7
CARDIOVASCULAR DISEASE IN SPECIAL POPULATIONS	7
CARDIOVASCULAR NURSING	8
CARDIOVASCULAR PHARMACOLOGY	8
CORONARY ARTERY DISEASE, ACUTE CORONARY SYNDROMES, ACUTE CARDIAC CARE	9
E-CARDIOLOGY, DIGITAL HEALTH, PUBLIC HEALTH, HEALTH ECONOMICS, RESEARCH METHODOLOGY	10
HEART FAILURE	11
HYPERTENSION	11
IMAGING	12
INTERVENTIONAL CARDIOLOGY AND CARDIOVASCULAR SURGERY	14
PREVENTIVE CARDIOLOGY	15
VALVULAR, MYOCARDIAL, PERICARDIAL, PULMONARY, CONGENITAL HEART DISEASE	16
OTHER	16

AORTIC DISEASE, PERIPHERAL VASCULAR DISEASE, STROKE

- **Clinical Cases**
 - Stroke
- **Clinical Practice Guidelines**
 - Peripheral Arterial Diseases (Diagnosis and Treatment of)
 - Aortic Diseases
- **Congresses & meetings**
 - ESC Heart & Stroke Conference, *24-25 January 2020, Barcelona (Spain)*
- **E-Learning**
 - ESC Working Group on Aorta & Peripheral Vascular Diseases Webinars (Live/on-demand) - Interactive 60-minute session
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

ARRHYTHMIAS AND DEVICE THERAPY

- **Certification**
 - EHRA Certification for Allied Professionals, EHRA 2020 Congress, *28 March 2020, Vienna (Austria)*
 - EHRA Certification in Cardiac Pacing & Implantable Cardioverter Defibrillators (ICDs), EHRA 2020 Congress, *28 March 2020, Vienna (Austria)*
 - EHRA Certification in Invasive Electrophysiology, EHRA 2020 Congress, *29 March 2020, Vienna (Austria)*
 - EHRA Recognised Training Center (ERTC) a Quality Label that recognises good training practices of centres, verifies uniformity of educational tools, standardises and facilitates teaching as well as attracts fellows and practitioners to these recognised centres. This programme is of great interest to both centres and young EPs. Application is open year round.
- **Clinical Cases**
 - Arrhythmias and Device Therapy
- **Clinical Practice Guidelines**
 - Syncope (Guidelines on Diagnosis and Management of)
 - Atrial Fibrillation 2016 (Management of)
 - Acute and Chronic Heart Failure
 - Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death
 - Cardiac Pacing and Cardiac Resynchronization Therapy
 - Hypertrophic Cardiomyopathy
 - Device Therapy in Heart Failure (Focused Update)
 - Supraventricular Arrhythmias (ACC/AHA/ESC Guidelines for the Management of Patients with)
 - Supraventricular Tachycardia
- **Congresses & meetings**
 - EHRA 2020, *29-31 March, Vienna (Austria)*

• E-Learning

- EHRA Key Messages Mobile App: contains the main messages of the published scientific documents
- EHRA webinars (Live/on-demand) - Interactive 60-minute session
- EHRA Website for Patients available in 9 languages: English, French, German, Spanish, Italian, Portuguese, Swedish, Russian and Polish
- EHRA e-Learning programme includes two tracks:
 - ♦ Fellows device (CP) track with 16 modules
 - ♦ Fellows EP track with 47 modules inclusive of 18 dedicated to Lead Management & Extraction

• Educational Courses

- EHRA Course on Advanced EP, with focus on VT Ablation, *26-28 September 2019, Prague (Czech Republic)*
- EHRA Course on Cardiac Pacing, ICD and CRT troubleshooting, *31 October - 2 November 2019, Vienna (Austria)*
- 2020 EHRA Interventional EP and Examination Preparatory Course (EPC), *mid February 2020, Paris (France)*

• ESC Congress Resources

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

• Grants

- EHRA 2020 Congress Travel Grants
Call for application opens end of November 2019 - Deadline: 1 February 2020
- EHRA Observational Training Programme
The EHRA Observational Training Programme consists of two to four weeks of clinical shadowing and learning in EP / CP in quality labelled centres belonging to EHRA Recognised Training Centres (ERTC).

• Postgraduate Programmes

- DASCAM - Diploma of Advanced Studies in Cardiac Arrhythmia Management. Postgraduate programme in collaboration with the European Heart Academy of the ESC, Maastricht University and the European Heart Rhythm Association (EHRA).

• Publications

- *EP-Europace*
- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *The EHRA Book of Interventional Electrophysiology: case-based learning with multiple choice questions*
- *The EHRA book of pacemaker, ICD and CRT troubleshooting: case-based learning with multiple choice questions*

BASIC SCIENCE

• Clinical Practice Guidelines

- Dyslipidaemias (Management of)

• Congresses & meetings

- Annual meeting of the ESC Working Group on Development, Anatomy and Pathology, *14-16 October 2019, Malaga (Spain)*
- Frontiers In Cardiovascular Biology (FCVB), *24-26 April 2020, Budapest (Hungary)*

- **E-Learning**
 - ESC Working Group on Cardiovascular Regenerative and Reparative Medicine and the ESC Scientists of Tomorrow - Webinars (Live/on-demand) - Interactive 60-minute session
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC
- **Publications**
 - *Cardiovascular Research*
 - *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*

BASICS

- **Clinical Cases**
 - Cardiovascular Disease in Special Populations
- **Clinical Practice Guidelines**
 - Fourth Universal Definition of Myocardial Infarction
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC
- **Publications**
 - *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*

CARDIOVASCULAR DISEASE IN SPECIAL POPULATIONS

- **Clinical Practice Guidelines**
 - Cardiovascular Diseases during Pregnancy (Management of)
 - Cancer treatments & cardiovascular toxicity 2016 (Position Paper)
 - Dyslipidaemias 2016 (Management of)
 - CVD Prevention in Clinical Practice (European Guidelines on)
 - Grown-Up Congenital Heart Disease (Management of)
 - Fourth Universal Definition of Myocardial Infarction
- **E-Learning**
 - Council of Cardio-Oncology Webinars - Interactive 60-minute session
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC
- **Publications**
 - *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*

CARDIOVASCULAR NURSING

- **Clinical Cases**
 - Cardiovascular Nursing and Allied Professions
- **Clinical Practice Guidelines**
 - CVD Prevention in Clinical Practice (European Guidelines on)
 - Diabetes, Pre-Diabetes and Cardiovascular Diseases developed with the EASD
- **Congresses & meetings**
 - EuroHeartCare 2020, 5-6 June, Seville (Spain)
- **E-Learning**
 - ACNAP Webinars (Live/on-demand)- Interactive 60-minute session
- **Educational products**
 - Be Guidelines Smart! Guideline Implementation Toolkit for Nurses and Allied Professionals
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC
- **Publications**
 - *Core Curriculum tailored for Nurses. This Core Curriculum can be used as a learning framework to guide nurse education.*
 - *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
 - *ESC Textbook of Cardiovascular Nursing (to be released May 2020)*
 - *European Journal of Cardiovascular Nursing*

CARDIOVASCULAR PHARMACOLOGY

- **Clinical Cases**
 - Cardiovascular Pharmacology
- **Clinical Practice Guidelines**
 - Focused update on Dual Antiplatelet Therapy (DAPT)
 - B-Adrenergic Receptor Blockers (Expert Consensus Document on)
 - Angiotensin Converting Enzyme Inhibitors in Cardiovascular Disease (Expert Consensus Document on)
 - Antiplatelet Agents (Expert Consensus Document on the Use of)
- **Educational Courses**
 - Training course: Pharmacotherapy in Older People, organised by the ESC Working Group on Cardiovascular Pharmacotherapy, 25 October 2019, London (United Kingdom)
 - Training course: All About Clinical Trials, organised by the ESC Working Group on Cardiovascular Pharmacotherapy, 5-6 December 2019, Stockholm (Sweden)
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

• Postgraduate Programmes

- NEW!! Master of Science in Clinical Trial. This new executive postgraduate programme has been developed in collaboration with the European Heart Academy of the ESC and Oxford University. Applications open September 2019.

• Publications

- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *ESC Handbook on Cardiovascular Pharmacotherapy*
- *European Heart Journal - Cardiovascular Pharmacotherapy*

CORONARY ARTERY DISEASE, ACUTE CORONARY SYNDROMES, ACUTE CARDIAC CARE

• Certification

- Certification for Nurses and Allied Professions in the Cath Lab, EuroPCR 2020, 19-22 May, Paris (France)
- Certification in Acute Cardiovascular Care, Acute Cardiovascular Care 2020, 7-9 March, Athens (Greece)

• Clinical Cases

- Acute Cardiac Care
- Acute Coronary Syndromes
- Coronary Artery Disease

• Clinical Practice Guidelines

- ESC/EACTS Guidelines on Myocardial Revascularizations
- Focused update on Dual Antiplatelet Therapy (DAPT)
- Acute Myocardial Infarction in patients presenting with ST-segment elevation (Management of)
- Acute Coronary Syndromes (ACS) in patients presenting without persistent ST-segment elevation (Management of)
- Acute Pulmonary Embolism (Diagnosis and Management of)
- Chronic Coronary Syndrome (previously Stable Coronary Artery Disease)
- Fourth Universal Definition of Myocardial Infarction

• Congresses & meetings

- Acute Cardiovascular Care School, 29-30 November 2019, Barcelona (Spain) - 3rd edition -
 - ♦ Clinical case simulation
 - ♦ Difficult airway management
 - ♦ Echo guided vascular access
 - ♦ ECMO
 - ♦ Mechanical ventilation
 - ♦ Renal replacement therapy
- Acute Cardiovascular Care 2020, 7-9 March, Athens (Greece)

• E-Learning

- Programme in Acute Cardiovascular Care
39 topics available (>100 courses)
 - ♦ 3 to 12 courses per topic
 - ♦ Self-assessment: 3 CME credits per topic
 - ♦ IACC textbook chapters (pdf format) are included in the platform

- **Educational products**

- Clinical Decision-Making Toolkit in Acute Cardiovascular Care (2018 edition)
Available in electronic format (pdf), printed booklet, mobile applications
French & English versions
- e-posters on:
 - ◆ Frailty and the Management of Patients with Acute Cardiovascular Disease
 - ◆ Clinical Interpretation of Cardiac Troponin
 - ◆ Fourth Universal Definition of Myocardial Infarction
 - ◆ Percutaneous Mechanical Circulatory Support
 - ◆ ECG- Based Diagnoses in Cardiovascular Emergencies
 - ◆ Quality Indicators - Definition & Assessment
 - ◆ Definitions and Treatment - Cardiogenic and Septic Shock
 - ◆ Right Heart Failure - Imaging and Implication
 - ◆ Lung ultra sound
 - ◆ UDMI

- **ESC Congress Resources**

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESCs

- **Grants**

- ESC Working Group on Coronary Pathophysiology & Microcirculation - Mobility travel grant

- **Publications**

- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *ESC Textbook of Intensive & Acute Cardiovascular Care 2nd edition (Updated annually)*
- *European Heart Journal - Acute CardioVascular Care*
- *The ESC Textbook of Intensive and Acute Cardiovascular Care 3rd edition (to be released June 2020)*

E-CARDIOLOGY, DIGITAL HEALTH, PUBLIC HEALTH, HEALTH ECONOMICS, RESEARCH METHODOLOGY

- **Congresses & meetings**

- ESC Digital Summit 2019, 5-6 October, Tallinn (Estonia)

- **ESC Congress Resources**

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

- **Postgraduate Programmes**

- MSc in Health Economics, Outcomes and Management in Cardiovascular Sciences. Postgraduate programme developed in collaboration with the European Heart Academy of the ESC and the London School of Economics. Next intake: December 2019.

- **Publications**

- *E-Journal of Cardiology Practice*
- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*

HEART FAILURE

• Certification

- Certification in Heart Failure, Heart Failure 2020, 26 May, Barcelona (Spain)

• Clinical Cases

- Heart Failure

• Clinical Practice Guidelines

- Acute and Chronic Heart Failure

• Congresses & meetings

- Heart Failure 2020, 23-26 May, Barcelona (Spain)

• E-Learning

- HFA CME accredited modules can be accessed and taken at any time, offering a useful educational resource to the busy professional. 30 courses can be accessed by Silver and Gold members.
- HFA Webinars - (Live/on-demand)- Interactive 60-minute session

• Educational Courses

- HFA Clinical Trialists Summer School - June 2020
- HFA endorse the Educational Training Course on "Exercise Rehabilitation and Long Term Management in Heart Failure Patients", 28-29 September 2019, Rome (Italy)

• ESC Congress Resources

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

• Postgraduate Programmes

- PCHF - Postgraduate Course in Heart Failure. Postgraduate programme developed in collaboration with the European Heart Academy of the ESC, Zurich University and the ESC Heart Failure Association (HFA).
Next intake: January 2020

• Publications

- ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice
- ESC Heart Failure (open access journal)
- European Journal of Heart Failure

HYPERTENSION

• Clinical Cases

- Hypertension

• Clinical Practice Guidelines

- ESC/ESH Arterial Hypertension (Management of)

• E-Learning

- Council on Hypertension Webinars (Live/on-demand)- Interactive 60-minute session

- **ESC Congress Resources**

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

- **Publications**

- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*

IMAGING

- **Certification**

- EACVI/EANM Certification in Nuclear Cardiology, *12 October 2019, Barcelona (Spain), EANM' 19*
- Nuclear Cardiology
 - ◆ EACVI/EANM Certification in Nuclear Cardiology, in *December 2020, EACVI 2020, Barcelona (Spain)*
- Cardiovascular magnetic resonance
 - ◆ EACVI CMR Certification, *May 2020, London (United Kingdom)*
 - ◆ EACVI CMR Certification, *December 2020, EACVI 2020, Barcelona (Spain)*
- Certification in Adult Transoesophageal Echocardiography (TOE) organised by EACVI/EACTA
 - ◆ EuroEcho 2019, *4-7 December, Vienna (Austria)*
- Certification in Adult Transthoracic Echocardiography (TTE)
 - ◆ EuroEcho 2019, *4-7 December, Vienna (Austria)*
 - ◆ ESC Congress 2020, *29 August - 2 September, Amsterdam (Netherlands)*
- Certification in Congenital Heart Disease Echocardiography (CHD) organised by EACVI/AEPC
 - ◆ EuroEcho 2019, *4-7 December, Vienna (Austria)*
- Congenital Heart Disease CMR
 - ◆ EACVI Exam in CMR CHD, *December 2020, EACVI 2020, Barcelona (Spain)*
- Laboratory Accreditation
 - ◆ All year round upon submission of required documents (Echocardiography Cardiovascular Magnetic Resonance)

- **Clinical Cases**

- EduCAD (Cases based on EVINCI Study)
- Imaging

- **Clinical Practice Guidelines**

- Fourth Universal Definition of Myocardial Infarction
- Cardiac Pacing and Cardiac Resynchronization Therapy

- **Congresses & meetings**

- EACVI 2020, *9-12 December, Barcelona (Spain)*
The world of cardiovascular imaging in one congress
- EuroEcho 2019, *4-7 December, Vienna (Austria)*
Cardiomyopathies and Imaging in Acute Cardiac Care

• E-Learning

- EACVI Basic Echo course (free access for EACVI Silver members)
- Theoretical knowledge about transthoracic echocardiography with some practical comments presented in 16 convincing and self-explaining slidesets.
- EACVI e-Learning programme, based on EACVI Core Syllabi, to prepare for EACVI certification. Includes exclusive tutorials with world renowned experts.
 - ◆ Echocardiography tutorials (TTE & TOE)
 - ◆ Cardiovascular Magnetic Resonance tutorials
 - ◆ Nuclear Cardiology and Cardiac CT tutorials
 - ◆ Congenital Heart Disease Multimodality tutorials
 - ◆ FoCUS tutorials (in December 2019)
- EACVI Toolboxes (3D echo, Contrast echo, Valvular imaging, CRT imaging, Aortic Stenosis toolkit)
- EACVI Webinars (Live/on-demand) - Interactive 60-minute session
- Pocket Size Ultrasound Devices course

• Educational Courses

- EACVI CMR joint workshop on Artificial Intelligence (with SCMR),
28-29 May 2020, London (United Kingdom)
- EACVI CMR Preparatory course for certification,
19-21 March 2020, European Heart House, Sophia Antipolis (France)
- EACVI Course on Cardiac CT course,
26-28 March 2020, European Heart House, Sophia Antipolis (France)
- EACVI Echo Nice, *25-27 June 2020, Nice (France)*
- EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography,
18-20 October 2019, Prague (Czech Republic)

• Educational Products

- EACVI Core Syllabi: specify the range of knowledge that the EACVI expect the European CV imagers to possess. Available for Echo, CMR and Nuclear Cardiology/Cardiac CT
- EACVI Recommendations Mobile App - includes 10 abridged recommendations issued by the association:
 - ◆ Hypertrophic Cardiomyopathy by Multimodality Imaging
 - ◆ Multimodality imaging in pericardial disease
 - ◆ Recommendations for Transoesophageal Echocardiography
 - ◆ Complications of Radiotherapy in Adults
 - ◆ Transcatheter Interventions
 - ◆ Aortic and pulmonary regurgitation - Valvular regurgitation
 - ◆ Mitral and tricuspid regurgitation - Valvular regurgitation
 - ◆ Echocardiography in infective endocarditis
 - ◆ Diastolic Function

Available in English (10), in Chinese (4), French (4), Japanese (3), Portuguese (6), Spanish (3) and Turkish (7).
- Key Reference Library: articles that have been judged as fundamental documents to guide medical practice in the fields of Echo, CMR, Nuclear C and CT

• ESC Congress Resources

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

• Publications

- *EACVI CMR Pocket guides: day-to-day companions for those new to CMR and for those looking for a quick reference guide in routine practice. They give an overview of established normal ranges for CMR measurements, common acquisition methods and clinical indications for CMR. Three topics:*
 - ♦ *Cardiovascular Magnetic Resonance Pocket Guide - 2nd Edition 2017 (also available in Italian)*
 - ♦ *CMR Physics for Clinicians*
 - ♦ *CMR Congenital Heart Disease Pocket Guide*
- *EACVI Compendium of full recommendations: a yearly compilation of EACVI recommendations, position papers and consensus statements published in the EHJ-CVI journal*
- *EACVI Handbook of 3D Echo (to be released July 2020)*
- *EACVI Handbook of TE Echo (to be released July 2020)*
- *EACVI Textbook of Echocardiography 2nd edition*
- *EACVI/ESC Textbook of Cardiovascular Magnetic Resonance*
- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *ESC Textbook of Cardiovascular Imaging 2nd edition*
- *ESC Textbook of Cardiovascular Imaging 3rd edition (to be released March 2020)*
- *European Heart Journal - Cardiovascular Imaging*
- *The EACVI Echo Handbook*
- *The EACVI publishes a number of scientific papers (approx. 10 per year) which are published in the EACVI journal (EHJ-CI) and available on the EACVI web pages on all three non-invasive imaging modalities*

INTERVENTIONAL CARDIOLOGY AND CARDIOVASCULAR SURGERY

• Certification

- *Certification in Interventional Cardiology, EuroPCR 2020, 19-22 May, Paris (France)*

• Clinical Cases

- *Interventional Cardiology*

• Clinical Practice Guidelines

- *ESC/EACTS Guidelines on Myocardial Revascularizations*
- *Fourth Universal Definition of Myocardial Infarction*
- *Valvular Heart Disease (Management of)*
- *Peripheral Arterial Diseases (Diagnosis and Treatment of)*
- *Acute Myocardial Infarction in patients presenting with ST-segment elevation (Management of)*
- *Atrial Fibrillation (Management of)*
- *Infective Endocarditis (Guidelines on Prevention, Diagnosis and Treatment of)*
- *Pericardial Diseases (Guidelines on the Diagnosis and Management of)*
- *Hypertrophic Cardiomyopathy*
- *Aortic Diseases*
- *Stable Coronary Artery Disease (Management of)*
- *Grown-Up Congenital Heart Disease (Management of)*
- *Device Therapy in Heart Failure (Focused Update)*
- *The Role of Endomyocardial Biopsy in the Management of Cardiovascular Disease*

• Congresses & meetings

- *EuroPCR 2020, 19-22 May, Paris (France)*
- *PCR London Valves 2020, 13-15 September, London (United Kingdom)*

• E-Learning

- *EAPCI Webinars on Interventional Cardiology (Live/on-demand)- Interactive 60-minute session*

- **Educational Courses**

- EAPCI-PCR Fellows Course, 18-19 May 2020, Paris (France)

- **ESC Congress Resources**

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

- **Grants**

- EAPCI Education and Training grants - *Deadline: 15 January 2020*
- Trialist grants - *Deadline: 15 January 2020*

- **Publications**

- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *EuroIntervention Journal*
- *PCR-EAPCI Percutaneous Interventional Cardiovascular Medicine Textbook*

PREVENTIVE CARDIOLOGY

- **Clinical Cases**

- Preventive Cardiology

- **Clinical Practice Guidelines**

- ESC/ESH Arterial Hypertension (Management of)
- Dyslipidaemias (Management of)
- CVD Prevention in Clinical Practice (European Guidelines on)
- Diabetes, Pre-Diabetes and Cardiovascular Diseases developed with the EASD

- **Congresses & meetings**

- ESC Preventive Cardiology 2020, 2-4 April, Malaga (Spain)

- **E-Learning**

- EAPC Webinars (Live/on-demand) - Interactive 60-minute session

- **Educational Courses**

- 6th EAPC Course on Sports Cardiology, 2020, Amsterdam (Netherlands)
- Diabetes and CVD Hands-On Course, 2020, Stockholm (Sweden)
- The use of cardiopulmonary exercise testing in cardiology, 12-13 June 2020, Marseille (France)

- **ESC Congress Resources**

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

- **Publications**

- *EAPC Cardiac Rehabilitation - A practical Clinical Guide (to be released April 2020)*
- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *ESC Handbook of Preventive Cardiology*
- *ESC Textbook of Preventive Cardiology (Updated annually)*
- *ESC Textbook of Sports Cardiology*
- *European Journal of Preventive Cardiology*

VALVULAR, MYOCARDIAL, PERICARDIAL, PULMONARY, CONGENITAL HEART DISEASE

- **Clinical Cases**
 - Valvular Heart Disease
- **Clinical Practice Guidelines**
 - Valvular Heart Disease (Management of)
 - Infective Endocarditis (Guidelines on Prevention, Diagnosis and Treatment of)
 - Pulmonary Hypertension (Guidelines on Diagnosis and Treatment of)
 - Pericardial Diseases (Guidelines on the Diagnosis and Management of)
 - Acute Pulmonary Embolism (Diagnosis and Management of)
 - Grown-Up Congenital Heart Disease (Management of)
 - Acute myocardial infarction in patients presenting with ST-segment elevation
 - Myocardial Revascularisation
- **Congresses & meetings**
 - Annual meeting of the ESC Working Group on Myocardial & Pericardial Diseases
4-5 October 2019, A Coruna, Spain
 - EuroGUCh 2020, annual meeting of the ESC Working Group on Grown-Up Congenital Heart Disease
17-18 April 2020, Leuven, Belgium
- **E-Learning**
 - Council on Valvular Heart Disease Webinars (Live/on-demand) - Interactive 60-minute session
 - ESC Working Group on Pulmonary Circulation and Right Ventricular Function Webinars (Live/on-demand) - Interactive 60-minute session
- **Educational Courses**
 - EAPCI: European Interventional Cardiology Fellows Course 2020
- **ESC Congress Resources**
 - ESC 365: All congress resources in one online library
 - ESC TV: Headline news on cardiovascular advances
 - Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC
- **Publications**
 - *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*

OTHER

- **Congresses & meetings**
 - ESC Asia, *8 November - 10 November 2019, Singapore (Singapore)*
 - ESC Congress 2020, *29 August - 2 September, Amsterdam (Netherlands)*
 - ESC Congress 2021, *28 August - 1 September, London (United Kingdom)*
 - ESC in Arabia at the 31st Annual Conference of the Saudi Heart Association (SHA31)
March 2020, Riyadh (Saudi Arabia)
 - ESC in Argentina at the 45th Argentine Congress of Cardiology (SAC 2019)
17-19 October 2019, Buenos Aires (Argentina)
 - ESC in Australia at the 68th Annual Scientific Meeting of The Cardiac Society of Australia and New Zealand (CSANZ), *August 2020, Auckland (New Zealand)*
 - ESC in Brazil at the 74th Brazilian Society of Cardiology Congress
20-22 September 2019, Porto Alegre (Brazil)

- ESC in Canada at the Canadian Cardiovascular Congress (CCC), 24-27 October 2019, Montreal (Canada)
- ESC in China at the 30th Great Wall International Congress of Cardiology (GWICC) 10-13 October 2019, Beijing (China)
- ESC in India at the 71st Annual Conference of the Cardiological Society of India (CSI) 5-8 December 2019, New Delhi (India)
- ESC in Indonesia at the Asean Federation of Cardiology Congress (AFCC) in conjunction with the 28th Annual Scientific Meeting of the Indonesian Heart Association (ASMIHA) 19-22 September 2019, Jakarta (Indonesia)
- ESC in Japan at the 84th Annual Scientific Meeting of the Japanese Circulation Society (JCS 2020) with the Asian Pacific Society of Cardiology (APSC) Congress 12-15 March 2020, Kyoto (Japan)
- ESC in Mexico at the Mexican Society of Cardiology Congress, 9-12 November 2019, Querétaro (Mexico)
- ESC in South Africa at the 20th Annual Congress of the South African Heart Association (SA Heart 2019), 31 October - 3 November 2019, Johannesburg (South Africa)

• E-Learning

- Council for Cardiology Practice Webinars (Live/on-demand) - Interactive 60-minute session
- ESC Webinars on general cardiology (Live/on-demand) - Interactive 60-minute session

• ESC Congress Resources

- ESC 365: All congress resources in one online library
- ESC TV: Headline news on cardiovascular advances
- Congress in Review: Scientifically-vetted articles summarising key findings presented at congresses organised by the ESC

• Publications

- *E-Journal of Cardiology Practice*
- *ESC Cardio Talk: Hear renowned experts discuss cardiovascular advances relevant to daily practice*
- *ESC CardioMed - the only online cardiology encyclopaedia that cross-references with the ESC Clinical Practice Guidelines*
- *ESC Textbook of Cardiovascular Development*
- *ESC Textbook of Cardiovascular Medicine 3rd edition*
- *ESC Textbook of Vascular Biology*
- *European Heart Journal*
- *European Heart Journal - Case Reports (open access journal)*
- *European Heart Journal - Quality of Care & Clinical Outcomes*
- *European Heart Journal Supplements*



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