



**EACVI**  
European Association of  
Cardiovascular Imaging

# EACVI

## Continuing Education and Training Catalogue

### 2020

Independent and cutting-edge education from  
leading cardiovascular imaging experts



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

 **ESC**  
European Society  
of Cardiology



## Introduction

Your Continuing Medical Education (CME) is our priority. Keeping up to date in the rapidly expanding field of cardiovascular imaging is essential to delivering the best patient care.

The European Association of Cardiovascular Imaging (EACVI), the largest professional community of cardiovascular imaging experts, has developed a range of face-to-face and online education courses and content to support your Continuing Medical Education and career.

Discover the myriad opportunities that the EACVI has to offer and keep yourself at the forefront of cardiovascular imaging.

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

## About the EACVI

The European Association of Cardiovascular Imaging, a branch of the European Society of Cardiology, is a unified vibrant community gathering four imaging modalities (echocardiography, cardiovascular magnetic resonance, nuclear cardiology and cardiac computed tomography). The EACVI is the world's leading network of cardiovascular imaging experts, welcoming over 14,000 professionals including cardiologists, technicians, nurses, basic scientists and allied professionals.



**EACVI**  
European Association of  
Cardiovascular Imaging

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# Online Learning

From your office, home or on the go, EACVI online learning allows you to fit Continuing Medical Education around your schedule.

## Webinars



The EACVI webinar programme enables you to update your scientific knowledge and get practical tips for your daily practice.

### EACVI webinars are:

- ✓ Interactive (live questions and answers, MCQs, etc)
- ✓ Case based
- ✓ Practical
- ✓ User friendly and ergonomic
- ✓ Produced in high definition

### Topics include:

- Valvular prostheses
- Structural heart disease interventions
- Hypertrophic cardiomyopathy
- Dilated cardiomyopathy
- Tetralogy of Fallot
- Strain imaging
- 3D echocardiography

All our webinars are reviewed for CME accreditation by the European Accreditation Council for Continuing Medical Education (EACCME®).

## Testimonials

*"It's an excellent and practical way to stay updated on the most recent science - from your office or home - throughout the year."*

**Assistant Professor Ozge Ozgen Tok**  
EACVI HIT Ambassador of Turkey for Cardiovascular Imaging

### Anonymous testimonials from post-webinar surveys:

*"Fantastic! Great lessons, wonderful and very enlightening images. Thank you from Brazil."*

*"Very interesting webinar. The topic has been explained very clearly for beginners in contrast echocardiography. Congratulations!"*

*"EACVI webinars are very good, and this was an example of excellent speakers and a very good topic chosen."*

*"Thanks a lot for the great chance to get the knowledge from maestros!"*

### Live webinars

The live, one-hour webinars are presented by key opinion leaders and internationally renowned experts in cardiovascular imaging. They cover hot topics and recent recommendations on echocardiography, cardiovascular magnetic resonance, nuclear cardiology and cardiac computed tomography.

Access the programme at:  
[www.escardio.org/EACVI-webinars](http://www.escardio.org/EACVI-webinars)

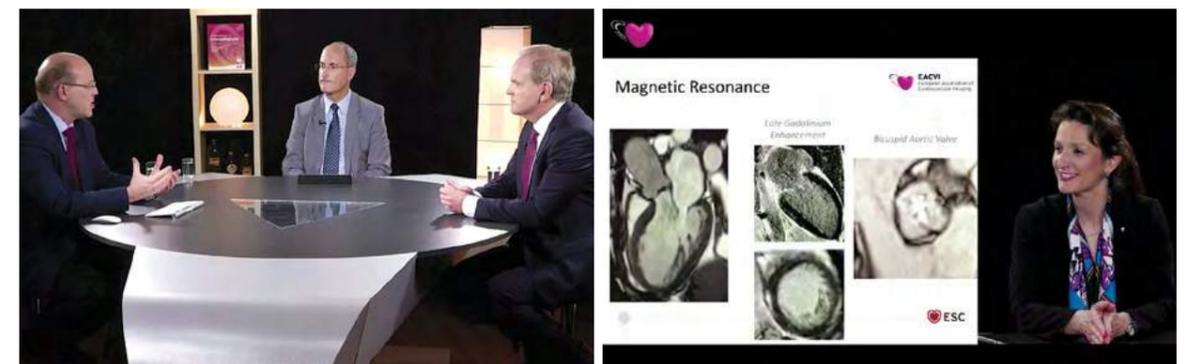
### On-demand webinars

Missed the live programme? You can catch up or watch again through the webinars on demand.  
[www.escardio.org/EACVI-webinars#recordings](http://www.escardio.org/EACVI-webinars#recordings)

### Access

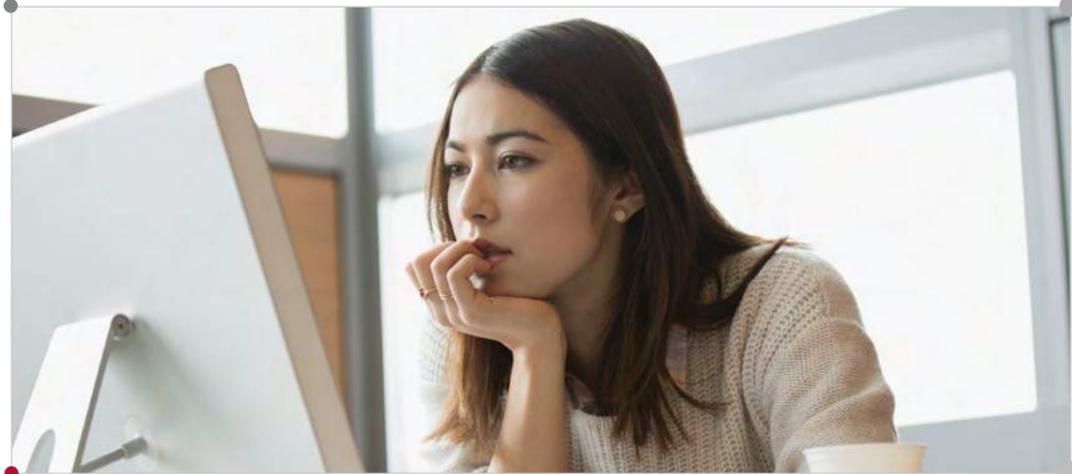
Restricted to EACVI Silver Members and FEACVI.

Visit the EACVI YouTube playlist to enjoy a selection of our webinars for free.



	EACVI Silver Members, FEACVI	Non members, EACVI Regular Members
<b>Live webinar</b>	Free	€30 per webinar (incl. VAT)
<b>On-demand webinar</b>	Free	Not available

## e-Learning programmes



Essential knowledge, designed by experts, in a user-friendly format.

The EACVI e-Learning programmes are based on the EACVI core syllabus of each imaging modality. They provide the knowledge you need to be at the cutting edge of each field with didactic tutorials created by leading experts.

CME

All EACVI tutorials are **accredited for 1 CME Credit** by the European Accreditation Council for Continuing Medical Education (EACCME®).

### Echocardiography

A step-by-step guide compiling everything you need to know to become an expert in echocardiography. Contains state-of-the-art content and 47 tutorials, in both transoesophageal echocardiography (TOE) and transthoracic echocardiography (TTE).

### Nuclear Cardiology & Cardiac Computed Tomography

Techniques, clinical applications, limitations, safety, image interpretation and much more: benefit from 11 of the leading European experts sharing their knowledge in 10 exclusive, interactive tutorials and much more.

### Cardiovascular Magnetic Resonance

Whether you are a beginner or an advanced practitioner in Cardiovascular Magnetic Resonance, this programme comprising 10 tutorials is essential for gaining new knowledge and keeping up to date.

### Multi-modality imaging in Congenital Heart Disease

Deepen your knowledge and prepare for CHD Echo and CMR certification: from diagnosis to pre-operative evaluation and post-operative follow-up, with a multimodality approach.

### NEW Focus Cardiac Ultrasound (FoCUS)

Eight experts in FoCUS share their knowledge and best tips in these nine high quality tutorials.

### “ Testimonial



"The e-Learning programme in transthoracic echocardiography is really very useful. This is the essential basis for qualified transthoracic echocardiography application in every day clinical practice."

**Doctor Anna Sandomirskaya**  
Russian Federation

Review the programmes at [www.escardio.org/eacvi-e-learning](http://www.escardio.org/eacvi-e-learning)

### Access

Subscription	EACVI Regular Members and non members	25% off for EACVI Silver Members	35% off for EACVI young, nurse or technician Silver Members	45% off for FEACVI
1 tutorial 6 months	€8			
1 tutorial unlimited	€20			
<b>Modules - 6 month access</b>				
5 tutorials Nuclear Cardiology	€28	€20	€18	€15
5 tutorials Cardiac Computed Tomography	€28	€20	€18	€15
9 tutorials Focus Cardiac Ultrasound	€50	€37	€32	€27
9 tutorials Multimodality Imaging in Congenital Heart Disease	€50	€37	€32	€27
10 tutorials Nuclear Cardiology & Cardiac Computed Tomography	€55	€40	€36	€30
10 tutorials Cardiovascular Magnetic Resonance	€55	€40	€36	€30
16 tutorials Transoesophageal Echocardiography	€88	€66	€58	€48
31 tutorials Transthoracic Echocardiography	€170	€124	€112	€93
<b>Modules - unlimited access</b>				
5 tutorials Nuclear Cardiology	€75	€50	€45	€35
5 tutorials Cardiac Computed Tomography	€75	€50	€45	€35
9 tutorials Focus Cardiac Ultrasound	€125	€90	€80	€65
9 tutorials Multimodality Imaging in Congenital Heart Disease	€125	€90	€80	€65
10 tutorials Nuclear Cardiology & Cardiac Computed Tomography	€150	€100	€90	€75
10 tutorials Cardiovascular Magnetic Resonance	€150	€100	€90	€75
16 tutorials Transoesophageal Echocardiography	€240	€160	€145	€130
31 tutorials Transthoracic Echocardiography	€450	€300	€270	€250

Prices including VAT

### Pocket-size ultrasound device course online

This online course introduces the principles of cardiac ultrasound, explains echocardiographic image interpretation and covers relevant cardiology topics from the perspective of a non-cardiologist.

It contains eight chapters:

- Introduction to Echocardiography
- The Left Ventricle
- The Right Ventricle
- Valvular Diseases
- Atria and Vena Cava Inferior
- Assessment of the Pericardium
- Assessment of Pleura and Lung
- EF Trainer Exam

A certificate of attendance is provided to every participant.

Certificate

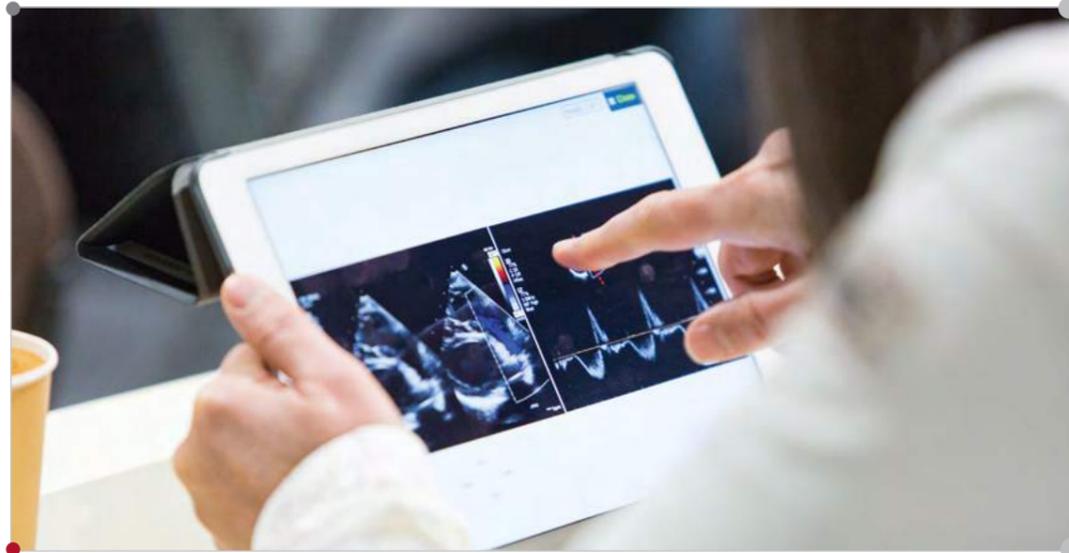


[www.escardio.org/pocket-size-ultrasound-device-course](http://www.escardio.org/pocket-size-ultrasound-device-course)

Access  
Restricted to EACVI Silver Members and FEACVI.

## Toolboxes

EACVI offers five toolboxes to help professionals better manage their patients.



### Valvular Imaging Box

A science hub where all relevant information related to evaluation of valvular diseases can be easily found.

### Contrast Echocardiography Box

Provides cardiologists, interns and sonographers with a comprehensive understanding of the techniques, usage and safety aspects of contrast echocardiography.

### 3D Echo Box

Designed to help echocardiographers, cardiac surgeons and clinical cardiologists to interpret 3-dimensional echocardiography (3DE) images and derive information useful in managing their patients.

### Multimodality Imaging Toolkit on Aortic Stenosis

Everything you want to know about imaging aortic stenosis in one unique setting, prepared by leading specialists.



NEW

### Imaging Toolbox on CRT (Cardiac resynchronization therapy)

Learn all about CRT with this selection of courses and resources brought to you by the best European experts.

To be released in 2020:

### Cardiomyopathies and Athlete's Heart Toolbox

[www.escardio.org/Imaging-boxes](http://www.escardio.org/Imaging-boxes)

### Access

The Multimodality Imaging Toolkit on Aortic Stenosis is free for everyone.

Other toolboxes are restricted to EACVI Silver Members and FEACVI.



## Clinical Case Gallery

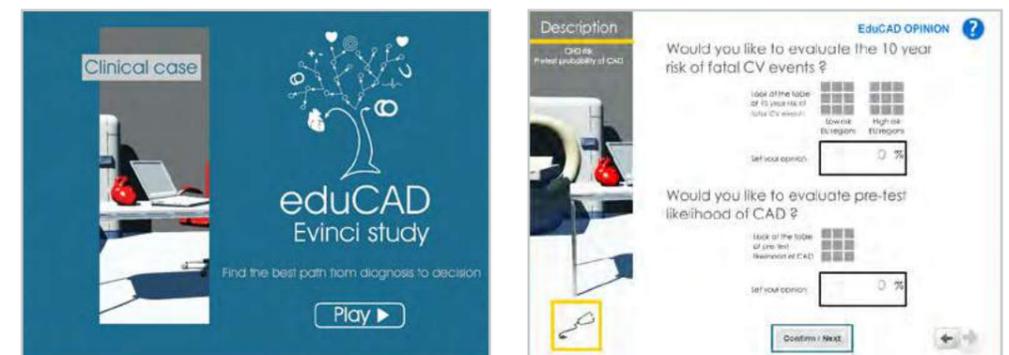


### Imaging in the ESC Clinical Case Gallery

Share knowledge on cardiac imaging and related clinical experience. Test your knowledge and engage with your colleagues around the world.

Contribute to the gallery by submitting your best cases.

[www.escardio.org/Clinical-Cases](http://www.escardio.org/Clinical-Cases)



### EduCAD

Clinical cases in Nuclear Cardiology and Cardiac Computed Tomography selected from the EVINCI study are available in EduCAD. EduCAD is dedicated to young doctors. [www.escardio.org/EduCAD](http://www.escardio.org/EduCAD)

### Access

Free for everyone.

# Face-to-Face Learning

Nothing beats hearing the information first hand - either at one of EACVI's preeminent meetings or in the more intimate setting of a dedicated teaching course. These sessions not only update your knowledge, but your network.

## Congresses & meetings

Save the dates for upcoming cardiovascular imaging events.

Includes: teaching courses, imaging campus/workshops, how-to sessions, quiz sessions, level 1 certification tracks and much more.



### Access

  EACVI Silver Members and FEACVI enjoy exclusive access to the Members' Lounge and from special discounts on EACVI congresses, courses and events. Discounts vary depending on the event. Please refer to the event web page for more information.

 The early fee deadline doesn't apply to the FEACVI who can benefit from this fee all year-round for EuroEcho and EuroCMR.

### Congress resources

 **ESC 365** Congress resources from EuroEcho, EuroCMR and ICNC are available on ESC 365 - the vast library of congress slides, abstracts, videos - 24 hours after the live presentations.

  EACVI Silver Members and FEACVI benefit from year-round access to all these resources, including content going back to 2015 editions. More than 114,000 slidesets, videos and abstracts from the ESC family of congresses are available on ESC 365. Watch the sessions you missed at your convenience: [www.escardio.org/365](http://www.escardio.org/365)

## Don't miss a unique event in Barcelona

NEW



### EACVI 2020

**9-12 December 2020, Barcelona, Spain**

- The world of cardiovascular imaging in one congress
- First congress to bring together expertise and knowledge-sharing across all imaging techniques
- Only EACVI congress in 2020

*"EACVI 2020 will be the first congress of its kind in cardiovascular multimodality imaging. It will be the place where all the imaging modalities come together for the best management of every patient. This multimodality approach meets the everyday needs of the evolving job of imagers, where solving clinical problems requires being more diversified."*

**Professor Bogdan A. Popescu**, EACVI President 2016-2018

## Save the dates

### EuroCMR 2021

**6-8 May 2021, Seville, Spain**

- Annual cardiovascular magnetic resonance meeting of the EACVI
- Largest and leading Cardiovascular Magnetic Resonance meeting in Europe

### ICNC 2021

**9-11 May 2021, Seville, Spain**

International Conference on Nuclear Cardiology and Cardiac CT

- Take place every two years
- Co-organisers: the EACVI, the European Association of Nuclear Medicine (EANM) and the American Society of Nuclear Cardiology (ASNC)

### EuroEcho 2021

**December 2021, location to be announced**

- Annual echocardiography congress of the EACVI
- The world's leading congress in the field

[www.escardio.org/EACVI-congresses](http://www.escardio.org/EACVI-congresses)

## Live courses



### EACVI courses

Course	When	Where
EACVI Preparatory Course to Certification in CMR	19-21 March 2020	European Heart House, Sophia Antipolis, France
EACVI CT Course	26-28 March 2020	European Heart House, Sophia Antipolis, France
EACVI EchoNice	7-9 May 2020	Nice, France
Artificial Intelligence in Cardiovascular Magnetic Resonance Imaging - a joint summit of EACVI and SCMR	28-29 May 2020	London, UK
EACVI HIT Course on FoCUS	16 October 2020	Belgrade, Serbia
EACVI CMR CHD Course	November 2020	London, UK
EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography	To be confirmed	To be confirmed

CME

All our courses are reviewed for CME accreditation by the European Accreditation Council for Continuing Medical Education (EACCME®).



### “ Testimonials

**About the EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography**  
Anonymous response to post-event survey

*"I was very happy and honoured to take part in this event. I think it has been a course of great quality and it will help me to improve my clinical practice."*

**About the EACVI Preparatory Course to Certification in CMR**

*"I have come from the US, where I am part of the 'Cardiology Consultants of Philadelphia', as I want to stay on top of the latest developments in CMR.*

*This is the only CMR course offered by world expert cardiologists, to cardiologists.*

*Absolutely great course, well organised, from logistics to delivery, and I highly recommend it to all those with an interest in CMR."*

**Doctor Aymen Alrez**  
United States of America

### Access

Discounts for EACVI Silver Members and FEACVI. Save up to €480\* on the EACVI course registration fees.

\*Discounts vary depending on the course. Please refer to the event web pages for more details.

## Certification



### Level 1 certification

During its congresses, the EACVI offers level 1 certification opportunities in echocardiography, in cardiovascular magnetic resonance, in nuclear cardiology and in cardiac computed tomography.

### Level 2/3 certification

Every year a minimum of nine exams are organised and 1,000 candidates are enrolled.

Full details available at [www.escardio.org/EACVI-certification](http://www.escardio.org/EACVI-certification)

- **During Artificial Intelligence in Cardiovascular Magnetic Resonance Imaging - a joint summit of EACVI and SCMR, London, UK (May)**
  - Cardiovascular Magnetic Resonance
- **During EACTA Echo Course 2020, Leipzig, Germany (June)**
  - Transoesophageal Echocardiography
- **During ESC Congress 2020, Amsterdam, The Netherlands (September)**
  - Transthoracic Echocardiography
- **During EACVI 2020, Barcelona, Spain (December)**
  - Transthoracic Echocardiography
  - Transoesophageal Echocardiography
  - Echocardiography in Congenital Heart Disease
  - Cardiac Computed Tomography
  - Nuclear Cardiology
  - Cardiovascular Magnetic Resonance
  - Cardiovascular Magnetic Resonance in Congenital Heart Disease

## “ Testimonial

*"With Cardiac CT being a main diagnostic tool, I want to pass the level 2/3 certification exam. It should open new opportunities for my career."*

**Assoc. Prof. Ibrahim Altun**  
Turkey

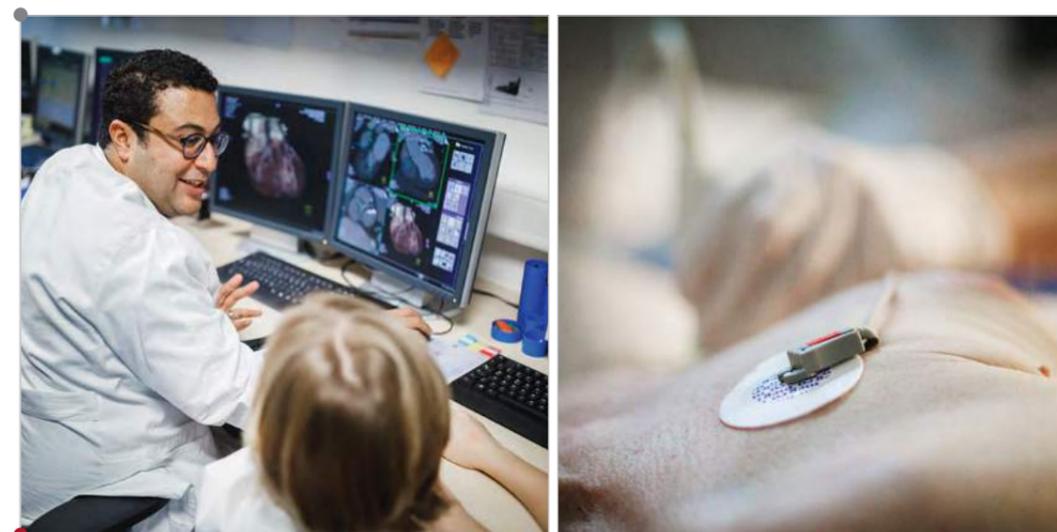
*"It's crucial to never stop learning and always learn the latest features. Taking the TTE exam will help me stay at the European standards."*

**Dr. Delia Kiss**  
Austria

## Access

Exam Registration Fees	Including VAT
Exam fee for EACVI Regular Members & non-members	€560
EACVI Silver Membership + exam fee for EACVI Silver Members 	<b>€438 or 516*</b>
Exam fee for EACVI Silver Members 	€360
Exam fee for FEACVI 	€300
Resit fee	€200

\*The membership fees vary depending on age and profession. Pre-registration is mandatory.



## Training and research grants



The EACVI awards research and training grants to support the cardiovascular imaging experts of the future. Grants are available each year. Apply online **before 30 September** for grants for the following year.

### Research grants

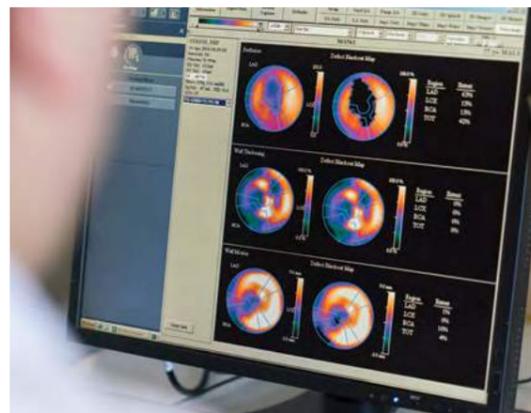
A one-year research grant of €25,000 is awarded by the EACVI, to help candidates meeting the criteria to access research experience in a quality academic centre of an ESC member country other than their own.

### Training grants

Financial support for three to six months is awarded by the EACVI to help candidates meeting the criteria to develop their skills in a quality clinical centre or university within an ESC member country other than their own.

### Directory

The EACVI Research and Training Directory in Non-invasive Cardiovascular Imaging lists laboratories offering research and training positions in Europe.



## “ Testimonials

*"Having been honoured with the EACVI Research Grant, I had a unique opportunity to visit a world leading university, to study state-of-the-art cardiac imaging, to further develop my clinical skills, and to increase my academic output. Thanks to the EACVI and the support from my home and host institutions, I have spent 2018 at the University of Oxford and performed CMR clinical studies led by Professor Ferreira and Professor Neubauer.*

*Educational and grant options offered by the EACVI are incredible and motivate young cardiologists to go further in their speciality."*

### Doctor Edit Gara

2018 EACVI Research Grant Winner  
Hungary

*"As a member of the young EACVI community, I had this great chance of applying for the EACVI training grant 2017. Winning this training grant was a very important milestone in my career, as it helped me to get exposed to advanced echocardiographic techniques at the Royal Brompton Hospital, London and to work with the experts in the field. It was a life changing experience indeed."*



### Doctor Hani Mahmoud

2017 EACVI Training Grant Winner  
Egypt

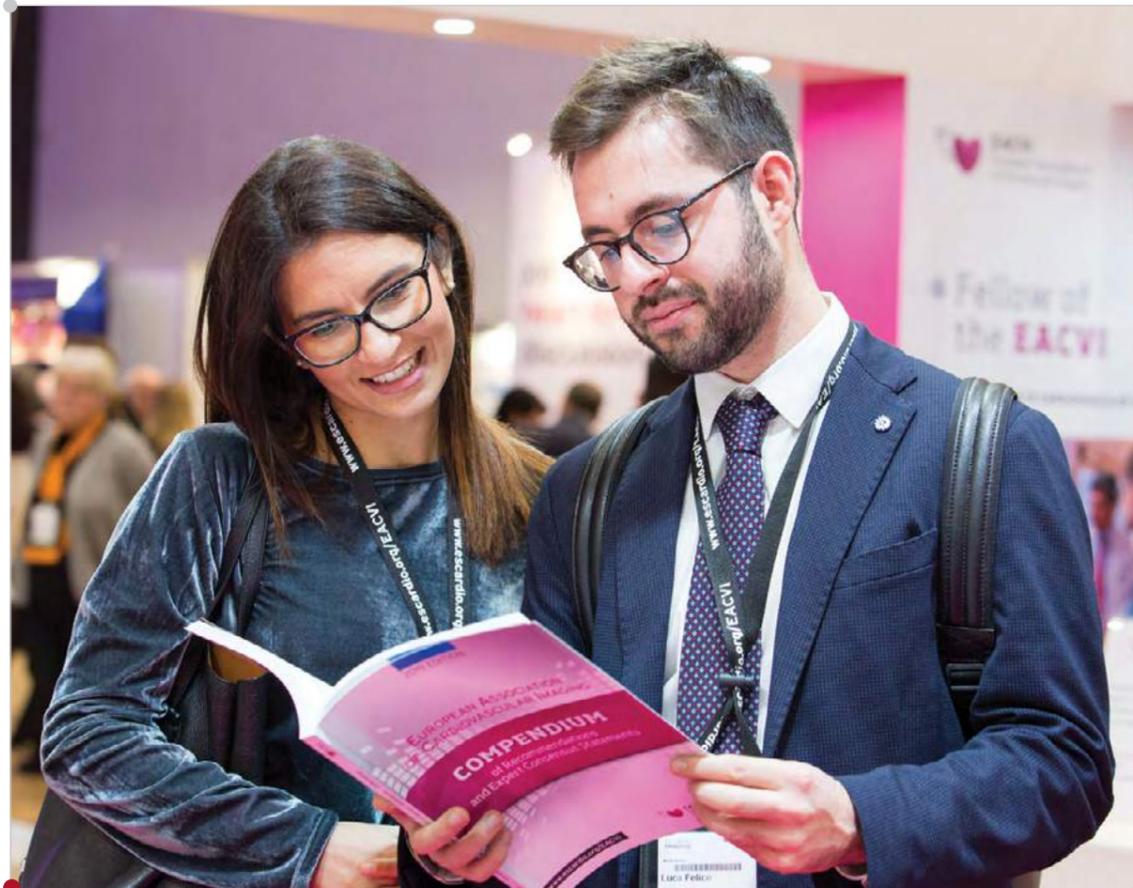
[www.escardio.org/EACVI-education#grants](http://www.escardio.org/EACVI-education#grants)

### Access

Applications are restricted to EACVI Silver Members and FEACVI.

More details on application criteria can be found on the dedicated webpages.





**European Heart Journal - Cardiovascular Imaging (EHJ - CI)**

The *European Heart Journal - Cardiovascular Imaging* is an international, peer reviewed journal.

It covers echocardiography, cardiovascular magnetic resonance, cardiac computed tomography, nuclear cardiology and invasive imaging. The journal aims to publish the highest quality material, both scientific and clinical, from all areas of cardiovascular imaging.

Issues per subscription: 12

**Impact Factor 2018: 5.260**

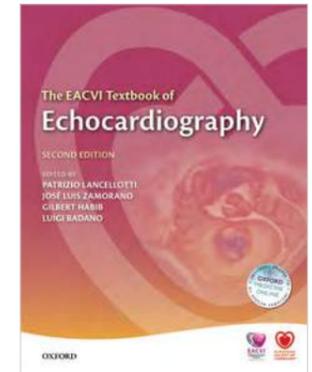
**Access**

-  Free subscription to online articles for EACVI Silver Members. Yearly subscription to printed issues available to EACVI Silver Members as a top-up.
-  Free subscription to printed issues and online articles for FEACVI.



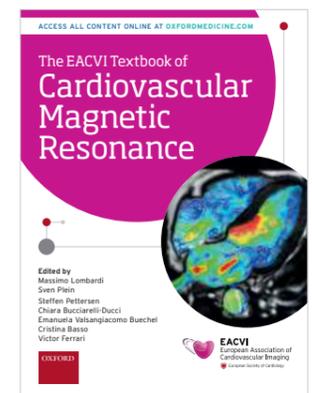
**The EACVI Textbook of Echocardiography - Second Edition**

- Evidence-based and corresponding with the latest EACVI recommendations. Emphasis on providing sound management and treatment guidance
- Fully illustrated with 500 colour images
- Includes access to the version included in Oxford Medicine Online, 200 videos and a DVD
- Supported by online content on the ESC e-Learning Platform with CME questions for self-assessment



**The EACVI Textbook of Cardiovascular Magnetic Resonance**

Ideal for cardiologists and radiologists new to the field of cardiovascular magnetic resonance, those preparing for ESC certification and those established in the field wishing to gain a deep understanding of CMR. Takes a practical, disease-oriented approach with treatment of congenital heart disease and GUCH throughout.

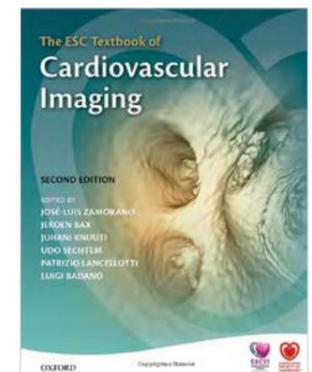


**The ESC Textbook of Cardiovascular Imaging - Second Edition**

- A comprehensive guide to cardiovascular imaging across a plethora of conditions
- Written and edited by experts with years of experience and unrivalled knowledge in their respective fields
- New and improved images complement the guidance and advice provided

A definitive resource, *The ESC Textbook of Cardiovascular Imaging - Second Edition* provides extensive coverage of all cardiovascular imaging modalities. Produced in collaboration with the European Association of Cardiovascular Imaging with contributions from specialists across the globe and edited by a distinguished team of experts, it is a current clinically-orientated imaging reference.

From discussion on improved imaging techniques and advances in technology, to guidance and explanation of key practices and theories, this new edition of *The ESC Textbook of Cardiovascular Imaging* is the ideal reference guide for cardiologists and radiologists alike.



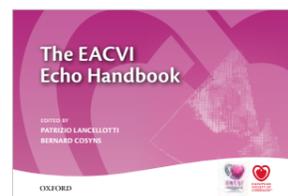
### The EACVI Echo Handbook

- Concise, fact-based and packed with images and illustrations
- Designed and written by leading experts in echocardiography
- Linked to EACVI recommendations and its Echocardiography Core Curriculum.

For use in the clinical arena, this practical handbook provides the necessary information for reviewing, or consulting - while performing or reporting on an echocardiogram or making clinical decisions based on echocardiographic findings.

Disease-focused, it covers the information needed to accurately perform and interpret echocardiograms, including how to set up the echocardiography machine to optimise results and how to perform echocardiographic disease assessment; the clinical indicators, procedures and contraindications.

The EACVI Echo Handbook is an essential, easily accessible manual on using echocardiography for sonographers and trainee cardiologists that should be at hand when performing an echocardiogram.



NEW

### 2020 EACVI Compendium

Recommendations and expert consensus statements by specialists from all cardiovascular imaging modalities, to guide cardiovascular imaging practices and provide the best healthcare experience.

The EACVI Compendium will give you access to reference documents on diverse topics including all cardiovascular imaging modalities represented within the EACVI.



### EACVI Recommendations App

Provides clear and easy-to-follow abridged versions of the latest EACVI Recommendations and Expert Consensus Papers. The app is designed to help professionals using non-invasive cardiovascular imaging in their daily practice. It includes tables, figures, reference values and calculators and a link to the full recommendation papers published in the *European Heart Journal - Cardiovascular Imaging (EHJ-CI)*. **Free for everyone.**



### CMR Pocket Guides

These pocket guides provide a day-to-day companion for those new to cardiovascular magnetic resonance and for those looking for a quick reference guide in routine practice. They give an overview of established normal ranges for cardiovascular magnetic resonance measurements, common acquisition methods and clinical indications. For each indication we provide typical scan protocols, tips and tricks and a guide for reporting.

3 titles are available:

- *Congenital Heart Disease*
- *Physics for Clinicians*
- *General Pocket Guide - Second Edition*

These publications are endorsed by the EACVI.



STAY TUNED

A new handbook on cardiac computed tomography and another on nuclear cardiology are both in preparation.

A discount of 5 to 30% is offered to EACVI Silver Members and FEACVI.



Prices excluding VAT (taxes and shipping may apply)	Non members, EACVI Regular Members
The EACVI Textbook of Echocardiography - Second Edition*	£130.00
The EACVI Textbook of Cardiovascular Magnetic Resonance*	£145.00
The ESC Textbook of Cardiovascular Imaging - Second Edition*	£130.00
The EACVI Echo Handbook*	£34.99
2020 EACVI Compendium	€76.78
CMR Pocket Guide	€11.37

\* published by Oxford University Press

Order your copies at [www.escardio.org/EACVI-e-store](http://www.escardio.org/EACVI-e-store)

### Recommended reading

The cardiovascular imaging recommended reading is a list of key references prepared and regularly updated by the Education Committee. These articles have been judged as fundamental documents to guide medical practice in the field of cardiovascular imaging.

The full list is to be found here [www.escardio.org/Imaging-Recommended-Reading](http://www.escardio.org/Imaging-Recommended-Reading)



## Thank you

Thank you to all contributors of the EACVI educational products and services, **particularly to the EACVI Board Members and Education Committee 2018-2020**. If you're interested in contributing to the EACVI educational offer, please send your fields of interest, expertise and CV to [eacvi@escardio.org](mailto:eacvi@escardio.org).

Several products presented in this catalogue have been sponsored by medical industries. The content of these products has not been influenced in any way by the sponsors.

## Supporting EACVI education

EACVI experts volunteer their time, providing knowledge and experience freely to support their imaging colleagues.

Disseminating that knowledge, through online and face-to-face learning, requires funding. Please contact [industry@escardio.org](mailto:industry@escardio.org) for information on how to get involved and support the Continuing Medical Education of cardiovascular imagers in Europe and around the world.

The EACVI would like to thank all those who currently support the dissemination of its education programmes.

The list of EACVI Board and committees members is to be found at [www.escardio.org/EACVI](http://www.escardio.org/EACVI)



## Social media

Get new science and take part in the weekly ECG and clinical case challenges on ESC social media.

Follow the European Society of Cardiology on:





**EACVI**

European Association of  
Cardiovascular Imaging

 European Society of Cardiology

**European Society of Cardiology**

The European Heart House

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