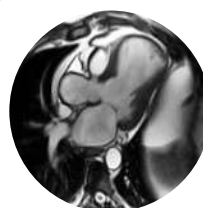
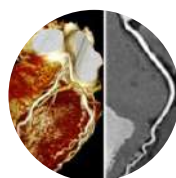




**EACVI**  
European Association of  
Cardiovascular Imaging

# **EACVI** **Activity Report** **2020**



**01 April 2020 - 31 March 2021**

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



**ESC**  
European Society  
of Cardiology

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# Who we are

## The world's leading network of cardiovascular imaging professionals

The EACVI is a not-for-profit organisation. Everything we do is to support our 14,000 members and all healthcare professionals from cardiovascular imaging worldwide so they can deliver the best possible evidence-based care to patients.

Our activities are driven by volunteers who are renowned experts from across all imaging techniques: echocardiography, cardiovascular magnetic resonance, nuclear cardiology and cardiac computed tomography.

**Our mission:** to promote excellence in clinical diagnosis, research, technical development, and education in cardiovascular imaging.

● EACVI is a branch of the European Society of Cardiology



# A few words from our President

Dear members, dear friends,

"Non est ad astra mollis e terris via". "There is no easy way from the earth to the stars".

Last year ended with the fantastic and very successful Best of Imaging 2020, our virtual congress which reached more than 11,000 attendees from all over the world. In the first half of 2021, the online versions of ICNC-CT and EuroCMR were also held with great success. These clearly reflected that both the EACVI and the CVI communities continue to support, with enthusiasm, all our activities.

Although the distance to the stars seemed greater due to the reality of the pandemic - which continues to influence the work of the EACVI and the ESC - we have learned a lot from the opportunities made possible by the online offer. Nevertheless, we are all missing the in-person congresses, live courses and face-to-face meetings, and are looking forward to a normal and safe world again.

We will do our best to keep providing excellent science and education in the year to come, adapting as the pandemic evolves and providing an even broader offer. I would like to thank you all for contributing to our association and ensuring that 2020 was successful for the EACVI. The support of the industry during this difficult period was also crucial.

Despite the absence of an onsite congress in 2020, the number of EACVI Members remained constant. Your fidelity, your trust - we will continue to work to deserve them.

The EACVI is more dynamic than ever; many new activities have been and will be launched. The certification exams are now fully available online. The young community is extremely dedicated and enthusiastic and is preparing for the future of the EACVI with great professionalism.

Cardiac imaging is pivotal to almost every case in daily clinical cardiology practice. It is one of the most transversal specialities in cardiology and it covers almost all other subspecialities.

We are working to improve patient awareness regarding CV imaging and developing online education modules for non-cardiologists. We also plan to organise teaching courses in Europe as well as mini symposia dedicated to specific diseases and cutting-edge aspects of CV imaging modalities. We are proud to say that the Impact Factor of our journal, the *European Heart Journal - Cardiovascular Imaging*, is also growing again.

And let's not forget, the EACVI Fellowship (FEACVI) programme which launched in 2019 has been a great success. Join us!

In December 2021 we will have the first online and onsite congress of the ESC family, which will be held in Berlin. Try to meet us in Berlin if you can - we will make this event a celebration - but the online offer will be available if you can't make it. The Scientific Programme Committee is motivated to propose a fantastic programme and we hope to have record attendance this year

Thanks again for your unwavering commitment and involvement in our projects. We rely on you.

**Prof. Bernard Cosyns**  
*EACVI President 2020-2022*



# Activity Snapshot 2020



# EACVI Board 2020-2022

## Executive Board



### President

Prof. Bernard Cosyns  
(Belgium)



### President-Elect

Prof. Steffen Petersen  
(UK)



### Past-President

Prof. Thor Edvardsen  
(Norway)



### Secretary

Dr. Matteo Cameli  
(Italy)



### Treasurer

Dr. Alessia Gimelli  
(Italy)



### Vice-President / CMR Section Chair

Prof. Bernhard Gerber  
(Belgium)



### Vice-President / Echo Section Chair

Prof. Leyla Elif Sade  
(Turkey)



### Vice-President / Nuclear C & CCT Section Chair

Assoc. Prof. Pal Maurovich-  
Horvat (Hungary)



### Editor-in-Chief of European Heart Journal - Cardiovascular Imaging

Prof. Gerald Maurer  
(Austria)

## Board members

### Councillors - Echo



Dr. Nina Ajmone  
Marsan (Netherlands)



Prof. Ricardo Fontes  
Carvalho (Portugal)

### Councillors - CMR



Prof. Ana Almeida  
(Portugal)



Dr. Martina Perazzolo  
Marra (Italy)

### Councillors - Nuclear C & CCT



Dr. Mark Dweck  
(UK)



Prof. Constantinos  
Anagnostopoulos (Greece)

### Vice Presidents-Elect



Dr. Denisa Muraru (Italy)  
Vice President-Elect /  
Echo Section



Prof. Robin Nijveldt (Netherlands)  
Vice President-Elect /  
CMR Section



Dr. Gianluca Pontone (Italy)  
Vice President-Elect /  
Nuc C & CCT Section

### Ex officio



Prof. Erwan Donal  
(France)



Dr. Blazej Michalski  
(Poland)



Dr. Mark Westwood  
(UK)



Mrs. Isabel Bardinnet  
(France)  
ESC Chief Executive Officer

# EACVI Committees 2020-2022

- Education
- Certification & Accreditation
- Research & Innovation
- Scientific Initiatives
- Scientific Documents
- Industry Round Table
- Web & Communication
- International Communities & Membership
- Heart Imagers of Tomorrow (HIT)
- EuroEcho 2021 Scientific Programme
- EuroCMR 2021 Scientific Programme
- ICNC 2021 Organising and Scientific Programme
- EACVI 2022 Scientific Programme



## Education



**Education Chairperson**  
Dr. Nina Ajmone Marsan



**Education Deputy Chairperson**  
Prof. Robin Nijveldt



**Certification & Accreditation Chairperson**  
Dr. Mark Westwood



**Certification & Accreditation Deputy Chairperson**  
Dr. Luna Gargani



**Certification & Accreditation Deputy Chairperson**  
Dr. John-Paul Carpenter

## Membership



**International Communities & Membership Chairperson**  
Prof. Thor Edvardsen



**International Communities & Membership Deputy Chairperson**  
Prof. Bernhard Gerber



**Heart Imagers of Tomorrow (HIT) Chairperson**  
Dr. Blazej Michalski



**Heart Imagers of Tomorrow (HIT) Deputy Chairperson**  
Dr. Hatem Soliman



# EACVI Committees 2020-2022

## Advocacy



**Industry Round Table  
Chairperson**  
Dr Alessia Gimelli



**Industry Round Table  
Deputy Chairperson**  
Dr. Kyriakos Yiangou



**Web & Communication  
Chairperson**  
Prof. Ricardo Fontes Carvalho



**Web & Communication  
Deputy Chairperson**  
Dr. Sarah Moharem

## Research



**Research & Innovation  
Chairperson**  
Dr. Denisa Muraru



**Research & Innovation  
Deputy Chairperson**  
Dr. Gianluca Pontone



**Scientific Initiatives  
Chairperson**  
Dr. Marc Dweck



**Scientific Initiatives  
Deputy Chairperson**  
Dr. Matteo Cameli



**Scientific Documents  
Chairperson**  
Prof. Erwan Donal



**Scientific Documents  
Deputy Chairperson**  
Dr. Ivan Stankovic



**Research Registries  
Chairperson**  
Dr. Ruxandra Jurcut



**Research Registries  
Deputy Chairperson**  
Dr. Julien Magne



# EACVI Committees 2020-2022

## Congress

### •EuroEcho 2021 Scientific Programme Committee



**EuroEcho 2021  
Scientific Programme  
Chairperson**  
Prof. Leyla Elif Sade



**EuroEcho 2021  
Scientific Programme  
Chairperson**  
Assist. Prof. Denisa Muraru



**EuroEcho 2021  
Abstract Chair**  
Dr. Ciro Santoro

### •EuroCMR 2021 Scientific Programme Committee



**EuroCMR 2021  
Scientific Programme  
Chair**  
Dr. Robert Manka



**EuroCMR 2021  
Abstract Chair**  
Dr Sarah Moharem-Elgamal

### •ICNC 2021 Organising and Scientific Programme Committee



**ICNC 2021  
Organising Committee  
ASNC**  
Dr. Prem Somam



**ICNC 2021  
Organising Committee  
EACVI**  
Dr. Danilo Neglia



**ICNC 2021  
Organising Committee  
EANM**  
Dr. Hein J. Verberne



**ICNC 2021  
Scientific Programme  
Committee ASNC**  
Dr. Brian Abbott



**ICNC 2021  
Scientific Programme  
Committee EACVI**  
Dr. Alessia Gimelli



**ICNC 2021  
Scientific Programme  
Committee EANM**  
Prof. Riemer Slart

### •EACVI 2022 Scientific Programme Committee



**EACVI 2022  
Scientific Programme  
Chairperson**  
Prof. Steffen E. Petersen



**EACVI 2022  
Scientific Programme  
Co-chairperson Echo**  
Dr. Denisa Muraru



**EACVI 2022  
Scientific Programme  
Co-chairperson CMR**  
Prof. Robin Nijveldt



**EACVI 2022  
Scientific Programme  
Co-chairperson Nuc. & CCT**  
Dr. Gianluca Pontone



**EACVI 2022  
Scientific Committee  
Advisor**  
Prof. Bernard Cosyns



**EACVI 2022  
Scientific Committee  
Advisor**  
Prof. Thor Edvardsen



**EACVI 2022  
Scientific Committee  
Advisor**  
Prof. Bernhard Gerber



**EACVI 2022  
Scientific Committee  
Advisor**  
Dr. Julien Magne



**EACVI 2022  
Scientific Committee  
Advisor**  
Assoc. Prof. Pal Maurovich-Horvat



**EACVI 2022  
Scientific Committee  
Advisor**  
Prof. Leyla Elif Sade



# Education

## Education Committee

Interactive online modules, postgraduate certification, grants and courses: the EACVI has an educational programme to suit all healthcare professionals. [Discover here.](#)

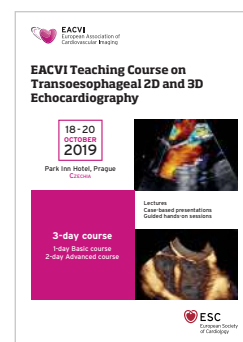
## Teaching Courses

The EACVI aims to share cardiovascular imaging education worldwide by organising joint teaching courses with National Working Groups on all multimodality imaging techniques. The association also offers tailored workshops for the young community and preparatory courses for certification.

All in-person courses had to be cancelled in FY20:

Below is a list of EACVI recurrent courses, that will resume as soon as the sanitary context allows.

Recurrent courses	When	Where
EACVI Preparatory Course for Certification in CMR	TBD (usually Spring)	European Heart House, Sophia-Antipolis France
EACVI Teaching Course on CMR in Congenital and Paediatric Heart Disease	TBD (usually Spring)	London, UK
EACVI/EANM ESMIT Autumn School	TBD (Autumn)	TBD
EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography	TBD (usually Autumn)	TBD
EACVI Course on Cardiology Computed Tomography	TBD	TBD
EACVI HIT Course in collaboration with national WG	TBD	TBD





# Education

## Webinars

Every year EACVI offers a series of interactive one-hour webinars presented and moderated by EACVI representatives, top level experts in the CVI field. EACVI webinars are designed to provide attendees with practical training via relevant clinical cases and live assessment (MCQs).

All our live webinars are reviewed by the European Accreditation Council for Continuing Medical Education (EACCME®) for CME accreditation. Access the programme at: [www.escardio.org/EACVI-webinars](http://www.escardio.org/EACVI-webinars)

Missed the live programme? You can catch up or watch again through the webinars on demand page.

[www.escardio.org/EACVI-webinars#recordings](http://www.escardio.org/EACVI-webinars#recordings)

Access is restricted to EACVI Silver Members and FEACVI.

Visit the [EACVI YouTube playlist](#) to enjoy a selection of our webinars for free.

Date	Registration	Attendance	Webinar name
09/04/2020	2,332	1,200	EACVI Webinar on COVID-19
14/04/2020	2,551	1,400	COVID-19: how to use and interpret lung ultrasound?
30/04/2020	1,050	278	How molecular imaging can help cardiologists with difficult cases
14/05/2020	720	368	LVNC: the boundary of Cardiovascular Imaging
09/06/2020	608	306	Multimodality amyloidosis imaging
06/07/2020	566	312	Myocardial work by pressure strain loops
17/09/2020	652	296	How to diagnose arrhythmogenic right ventricular cardiomyopathy using multimodality imaging?
29/09/2020	1,447	681	Absolute quantification of myocardial perfusion
07/10/2020	978	476	Role of contrast echocardiography in hospitalised patients with Covid-19
20/10/2020	459	265	4D flow quantification by CMR
12/11/2020	897	486	EACVI-ACVC Webinar: Echocardiography in the intensive care unit
04/12/2020	723	343	Update on secondary mitral regurgitation
15/01/2021	550	282	Echocardiography in Ventricular Assist Devices
03/02/2021	682	358	How to use imaging to assess multivalvular disease
10/03/2021	932	475	Digital health in CVI: challenges and future perspectives
	15,147	7,526	



Participants  
**7,526**



No. of Webinars  
**15**



# Education

## EACVI e-learning programmes

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

These tutorials are a unique means to learn about indications for each technique, receive practical guidance on how to perform, analyse and prepare for the EACVI CVI certification examinations. The aim of the course is for cardiologists to continue their education and readily access one module or the full programme. The courses will additionally provide preparation for the EACVI certification process, which is a certification of excellence.

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

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

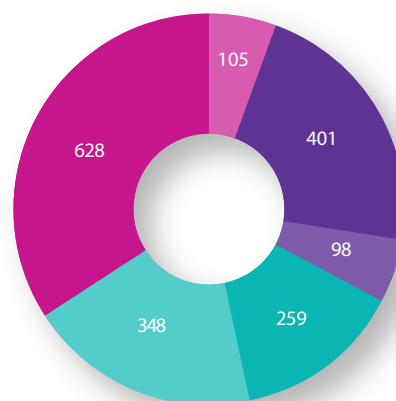
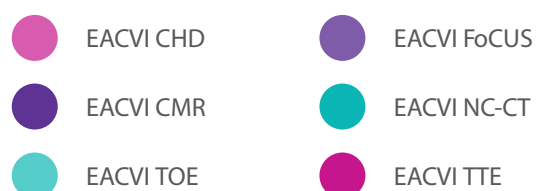
Five EACVI e-learning programmes are currently available:

- Echocardiography (TTE: 31 tutorials, TOE: 16 tutorials, Focus Cardiac Ultrasound: 9 tutorials)
- Cardiovascular Magnetic Resonance: 10 tutorials
- Nuclear Cardiology: 5 tutorials
- Cardiac Computed Tomography: 5 tutorials
- Multimodality Imaging in Congenital Heart Disease: 9 tutorials

Next set of tutorials will be **3D Echocardiography**.

*Filming was planned for 2021, to be rescheduled.*

## EACVI tutorials - No. of purchases FY21



e-learning topic (Launched in)	No. of purchases FY21	Total No. of purchases since launch in 2016
EACVI CHD (2018)	105	244
EACVI CMR (2016)	401	1,756
EACVI FoCUS (2019)	98	155
EACVI NC-CT (2017)	259	713
EACVI TOE (2016)	348	1,167
EACVI TTE (2015)	628	2,368
<b>Total</b>	<b>1,839</b>	<b>6,403</b>



# Education

## EACVI Imaging toolboxes

EACVI offers 5 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 the leading specialists. (Access is free for everyone).

### Imaging Toolbox on CRT

The CRT Imaging Toolbox provides a complete educational product for day to day practice that meets professionals' needs and contains everything you want and need to know about Imaging in Cardiac resynchronization therapy (CRT).

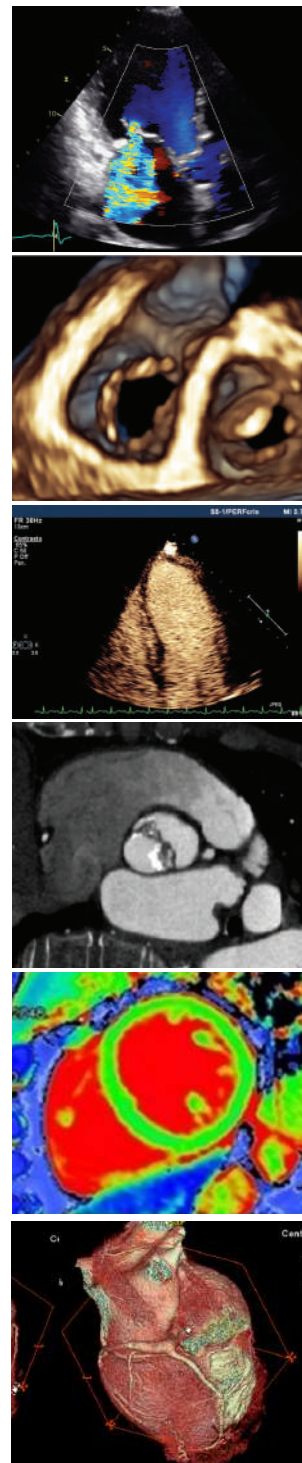
### Toolbox on Cardiomyopathies and athlete's heart

Discover state-of-the-art practical presentations on imaging modalities and how to implement them in the workup of suspected cardiomyopathies or structural changes related to exercise in athletes.

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

### Access

Access to the EACVI Imaging toolboxes is restricted to EACVI Silver Members and FEACVI, except specified otherwise.



NEW





# Education

## Certification & Accreditation Committee

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



### Certification

#### Level 1 certification

During its congresses, the EACVI offers level 1 certification opportunities in Echo, CMR, Nuclear C and Cardiac CT.

#### Level 2/3 certification

- Launched in 2003 with TTE
- Theoretical exam + skills assessment
- Now 7 certification programmes are available:
  - TTE
  - TOE (with EACTA)
  - Echo-CHD (with AEPC)
  - CMR
  - CHR-CHD
  - Nuclear Cardiology (with EANM)
  - Cardiac CT
- 9 exams, +1,000 candidates per year

### Laboratory accreditation

- Available for Echo in 3 modules (standard or advanced)
  - TTE
  - Stress Echo
  - TOE
- Available for CMR in 3 modules
  - CMR
  - CMR-CHD
  - Stress



# Education

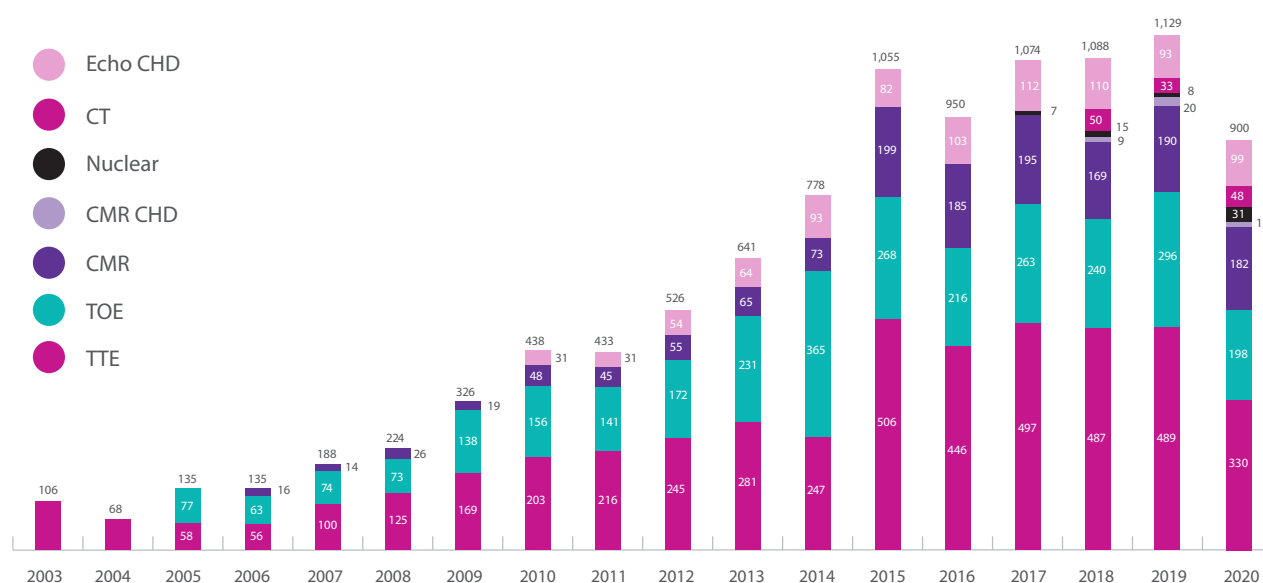
## Certification & Accreditation Committee

### Key Figures since 2003

#### Certification exams - number of candidates

EACVI usually runs 9 exams per year (2 TTE, 2 TOE, 1 CHD Echo, 1 CMR, 1 CHD CMR, 1 Nuc, 1 CCT)

**7 online exams in 2020!**



### EACVI Certification exams 2020-2021

#### DECEMBER 2020 (ONLINE)

- Cardiac CT exam
- CMR exam
- CMR CHD exam
- TOE exam
- TTE exam
- Echo CHD exam
- Nuclear exam

#### JUNE 2021 (ONLINE)

- Cardiac CT exam
- CMR exam
- CMR CHD exam
- TOE exam
- TTE exam

#### DECEMBER 2021 (ONLINE)

- TOE exam
- TTE exam
- Echo CHD exam
- Nuclear exam





# Research

## Research & Innovation Committee Registries Sub-Committee

### A platform for research in cardiovascular imaging

EACVI aims at capitalising on its research network and supporting large scale quality and outcome studies in order to highlight the robustness of cardiovascular imaging techniques in clinical cardiology.

### Registries

EACVI registries address relevant questions on the use of MMI in a condition and lead to comparisons with existing guidelines, draw conclusions on gaps and disparities across Europe, give an overview of relevant findings.

### Ongoing projects

Project	Description	Leading Person
FUTURE	Evaluate the best parameters that are able to predict re-hospitalization for HF and cardiovascular death in patients admitted to the cardiology department for acute exacerbation of CHF or de novo AHF	Matteo Cameli
TERRA	The primary aim of the study is to compare the test-retest reproducibility of advanced echocardiographic parameters of RV, RA and TA size and RV function against the respective parameters obtained by conventional echocardiography and by CMR.	Denisa Muraru
CARDITOX II study	Cardiac CT quantitative tissue characterisation for detection of Anthracycline induced cardiotoxicity	Gianluca Pontone
Afib Echo registry	Echo-derived parameters predicting TE in AF patients	Ciro Santoro



# Research

## Scientific Documents Committee

The EACVI Scientific Documents Committee publishes up to 10 documents per year in renowned official journals. [Read more about Recommendations and Position Papers.](#)

### List of scientific documents published between 01 April 2020 and 31 March 2021

Title	Chair	Date
COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel	Thor Edvardsen	Apr-20
The role of cardiovascular imaging for myocardial injury in hospitalized COVID-19 patients	Bernard Cosyns	May-20
Global evaluation of echocardiography in patients with COVID-19	Marc Dweck	Jun-20
Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE)	Rodolfo Citro	Aug-20
Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient: a Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the EACVI	Marc Dweck, Pal Maurovich-Horvat	Sep-20
The year 2019 in the European Heart Journal–Cardiovascular Imaging: Part I	Thor Edvardsen	Sep-20
The year 2019 in the European Heart Journal – Cardiovascular Imaging: part II	Bernard Cosyns	Nov-20
Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory, infective, infiltrative and innervation (4Is) related cardiovascular diseases. A joint collaboration of the EACVI and the EANM.	Slart Riemer	Nov-20
Training, competence, and quality improvement in echocardiography	Bogdan A. Popescu, Alexandros Stefanidis	Dec-20
Imaging the adult with simple shunt lesions: position paper from the EACVI and the ESC WG on ACHD	Werner Budts	Dec-20
The role of innervation imaging in different clinical scenarios: an Expert Consensus Document of the European Association of Cardiovascular Imaging and Cardiovascular Committee of the European Association of Nuclear Medicine	Alessia Gimelli	Feb-21
The Structural Heart Disease Interventional Imager: rationale, skills and training. A position paper of the European Association of Cardiovascular Imaging	Eustachio Agricola	Feb-21
EACVI recommendations on cardiovascular imaging for the detection of embolic sources. Endorsed by the Canadian Society of Echocardiography	Ariel Cohen, Erwan Donal	Mar-21

## Scientific Initiatives Committee

The goal of the EACVI Scientific Initiatives Committee is to have a global view of what is going on among European countries with regard to guideline implementation, management of patients needing imaging, and the use of imaging in daily clinical practice. This is done mainly through short EACVI Research Network Centres' surveys, snapshot registries or patient surveys.

### 5 surveys conducted and 5 papers published:

- EACVI survey on the evaluation of infective endocarditis (May 2020)
- EACVI survey on cardiac imaging in cardio-oncology (May 2020)
- Global evaluation of echocardiography in patients with COVID-19 (June 2020)
- EACVI survey on investigations and imaging modalities in chronic coronary syndromes (November 2020)
- EACVI survey on the management of patients with patent foramen ovale and cryptogenic stroke (December 2020)

Visit our webpage for more details or to join the [EACVI Scientific Initiatives Centres Network.](#)



# Research

## Publications

**The European Heart Journal - Cardiovascular Imaging (EHJ-CI)** is an international, peer reviewed journal. It covers echocardiography, cardiovascular magnetic resonance, 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. 2018 Impact Factor: 5.260

### **The EACVI Textbook of Cardiovascular Magnetic Resonance** **First edition**

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 deeper 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**

This textbook is a comprehensive guide to cardiovascular imaging across a large number 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.

### **The EACVI Echo Handbook**

Concise, fact-based and packed with images and illustrations, the **EACVI Echo Handbook** is designed and written by leading experts in the field of echocardiography for use in the clinical arena. Importantly, the book is closely linked to EACVI recommendations and its Core Curriculum.

### **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 learning platform with CME questions for self-assessment.

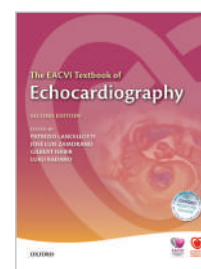
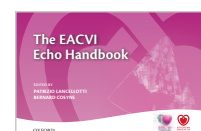
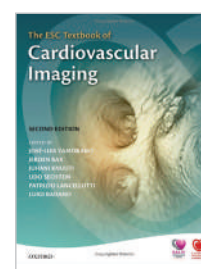
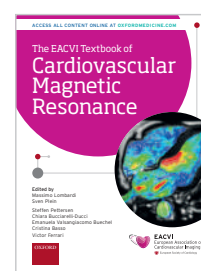
### **2020 EACVI Compendium**

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 in all cardiovascular imaging techniques.

**STAY  
TUNED**

A new handbook on cardiac computed tomography and another one on nuclear cardiology are currently being drafted.





# Congress

## Best of Imaging 2020 - Quick facts & figures



**11,120**

**total participants**

- 4,679 Active delegates (attended live)
- 16 Exhibitors



**143**

**countries represented**

127 faculty members for 174 roles in the programme



**48**

**Scientific programme sessions**

- 25 scientific and educational sessions
- 17 Abstract-based Sessions



**1,206**

**Abstracts & cases submitted**

- 865 abstracts and 341 clinical cases submitted
- 472 abstracts and 50 clinical cases accepted



**6**

**Industry sponsored sessions**

- 6 Satellite Symposia



**Exhibition**

- 16 exhibiting companies



**CME credits**

12 CME credits from UEMS



**Congress Theme: Best of Imaging in 2020**

Advanced sessions in Echo/ CMR/Nuclear and CT  
Multimodality Imaging (MMI) sessions  
Best of Imaging 2020  
Industry sessions



**Event platform**


- New platform created for this event
- 3 channels streamed
- ePoster gallery on demand

**Free of charge**



## Membership





**REGULAR**


**FREE**

**JOIN OR RENEW**

Discount on the online and print versions of the *European Heart Journal - Cardiovascular Imaging (EHJ-CI)*

Discount on EACVI and ESC textbooks and handbooks

EACVI newsletter



**SILVER**

**€78/156**  
(VAT included)

**JOIN OR RENEW**

Discount on EACVI congresses

Unlimited access to EACVI congress resources on ESC 365

Voting rights

Online access to EHJ-CI

Discount on certification exams

Discount on the EACVI educational offer and products

Access to the Members Lounge at EACVI congresses

Discount on the online and print versions of the *European Heart Journal - Cardiovascular Imaging (EHJ-CI)*

Discount on EACVI and ESC textbooks and handbooks

EACVI newsletter

**EACVI Silver Membership** can be combined with **ESC Professional Membership** or another Subspecialty Association Silver Membership.

More information: [www.escardio.org/EACVI-membership](http://www.escardio.org/EACVI-membership)

# Membership

## Membership statistics 2021

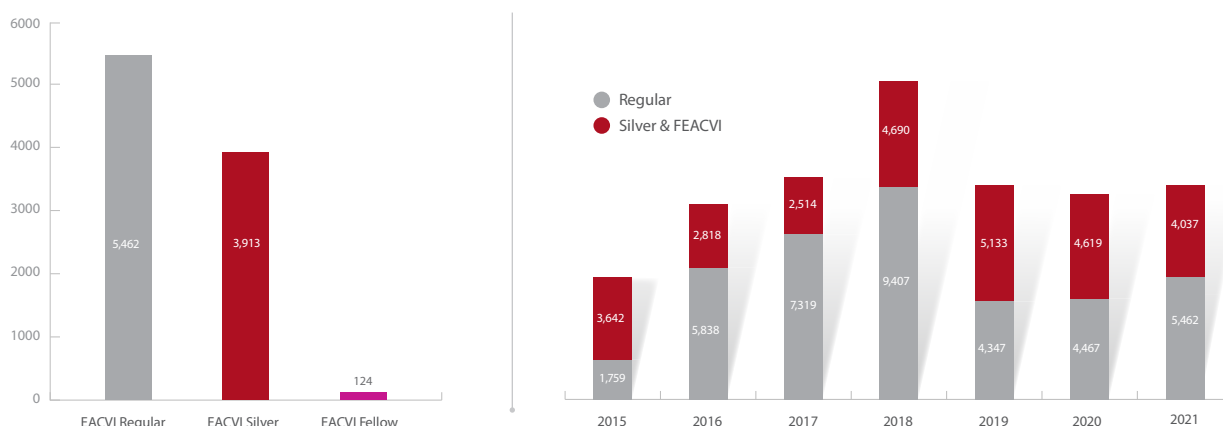
### FEACVI

124 elected fellows of the EACVI in 2021

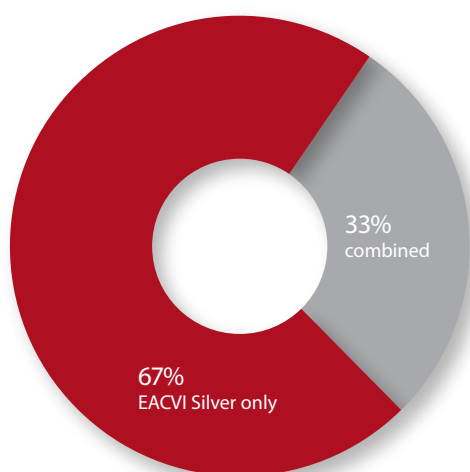


**9,499 members on 31 March 2021**

### Levels of membership



### Origin of membership



#### Combined Memberships

ESC Professional - EACVI Silver	985
EACVI Silver - HFA Silver	125
EACVI Silver - EHRA Silver	93
ACVC Silver - EACVI Silver	68
EACVI Silver - EAPC Silver	25
ACNAP Silver - EACVI Silver	4
<b>Total</b>	<b>1,300</b>

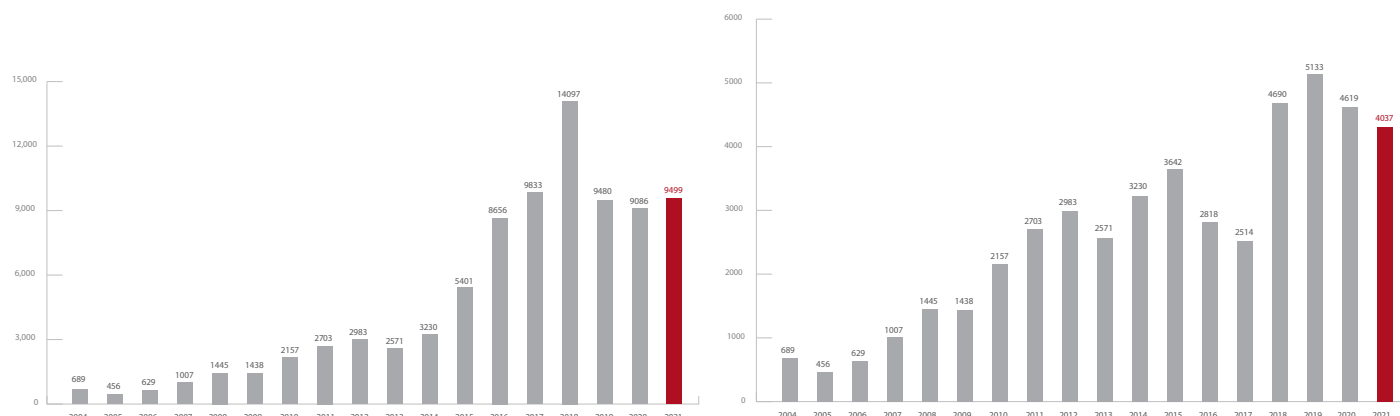
# Membership

## Membership statistics 2021

### All levels

### Silver & FEACVI levels

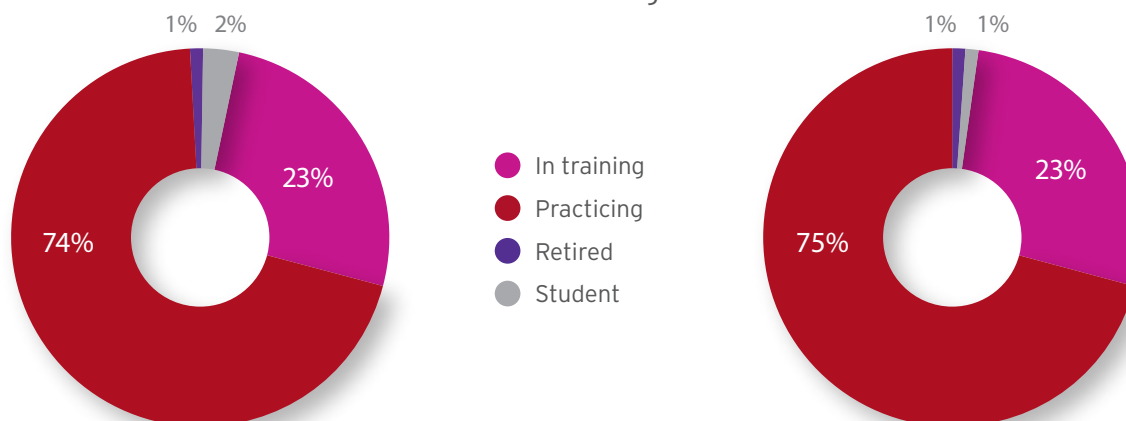
#### Members Profile - Subscriptions



#### Members Profile - Gender



#### Members Profile - Stage in career



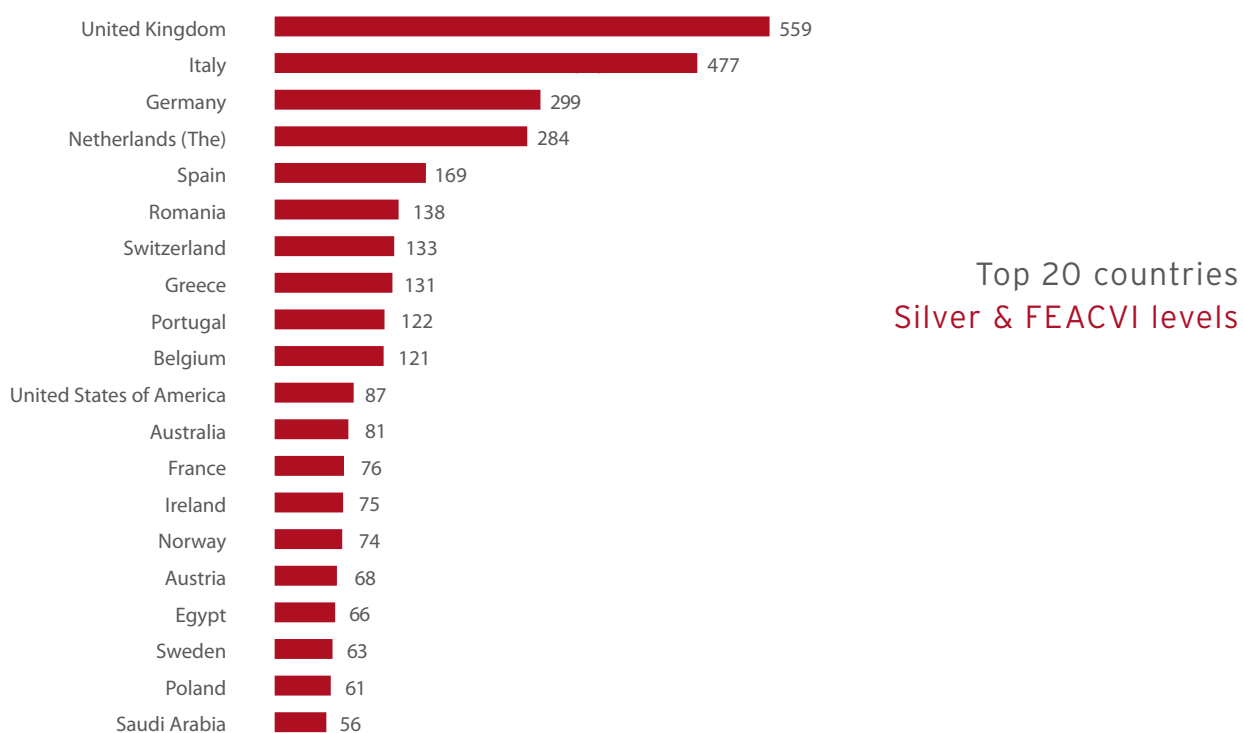
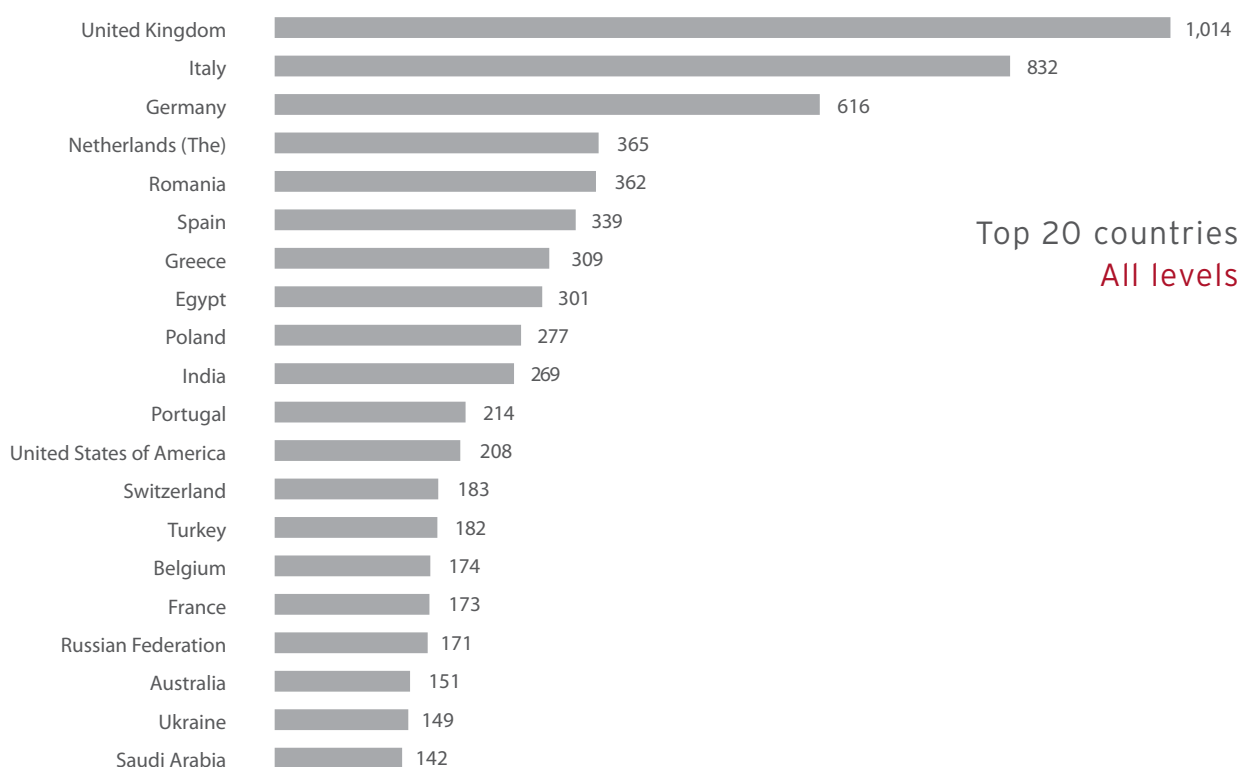




# Membership

## Membership statistics 2021

### Levels of membership





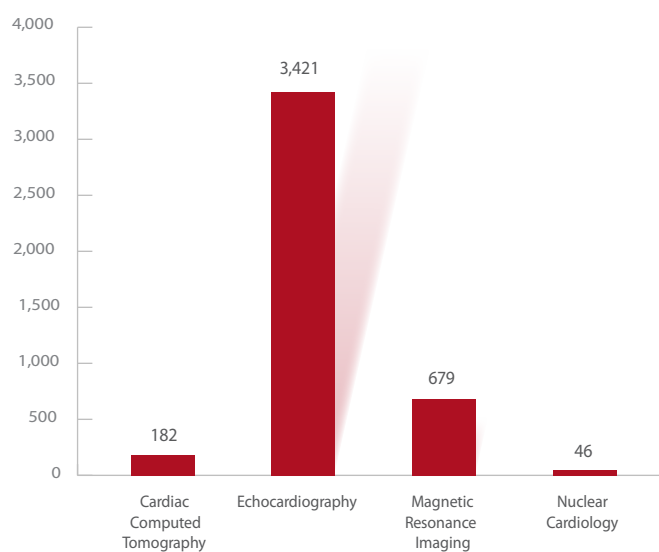
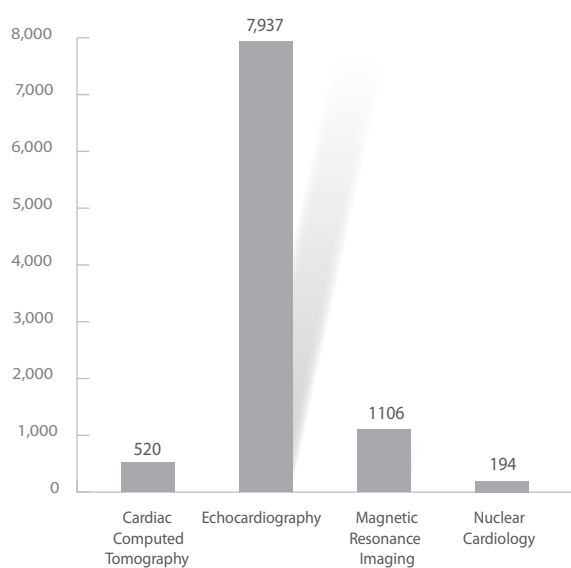
# Membership

## Membership statistics 2021

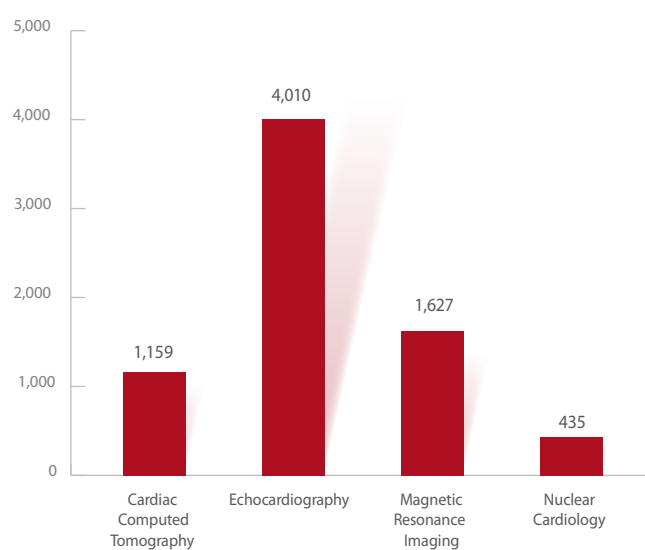
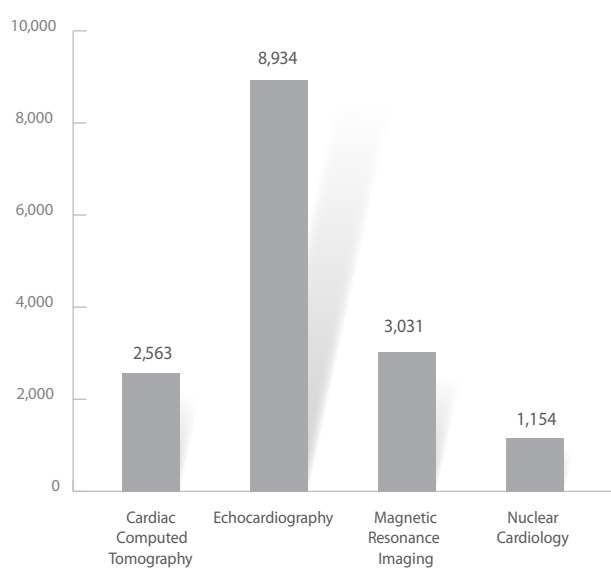
### All levels

### Silver & FEACVI levels

#### Members Profile - Main field of expertise



#### Members Profile - Main fields of interest





# Advocacy

## EACVI Imaging Grants

The European Association of Cardiovascular Imaging (EACVI) offers opportunities for young imagers to receive training or research experience abroad in non-invasive imaging modalities at a high standard academic centre, clinical centre or university.

**Applications open on 31 March and close on 30 September of each year.**

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

### 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 renowned clinical centre or university within an ESC member country other than their own.

### Research Grants

A one-year research grant of €25,000 (€30,000 in 2021) is awarded by the EACVI, to help candidates meeting the criteria to access research experience in a renowned academic centre of an ESC member country other than their own.

## Grant winners testimonials

*“It is a life-changing experience that has inspired me to start new projects. I couldn't be happier to work with such an amazing group of people, and I will never forget this period in my life and career.”*



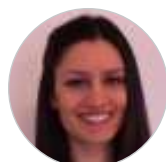
*“Educational grants offered by the EACVI are incredible and motivate young cardiologists to go further in their speciality.”*



# Advocacy

## EACVI Imaging Grants winners 2021

### EACVI Research Grant



#### Jessica Artico

**Programme:** Late heart and vasculature impacts of asymptomatic, mild and hospitalised COVID-19

**Supervisor:** James Moon

**Host institution:** Barts Heart Centre, Department of advanced cardiac imaging, St Bartholomew's Hospital and University College of London, UK



#### Liliana Szabo

**Programme:** Association of environmental and lifestyle factors with conventional and radiomics cardiovascular magnetic resonance phenotypes

**Supervisor:** Zahra Raisi-Estabragh

**Host institution:** Queen Mary University of London, UK



#### Anastasia Shchendrygina

**Programme:** Characterisation of myocardial injury in patients recently recovered from COVID-19 using multimodality imaging techniques and blood biosignatures

**Supervisor:** Valentina Puntmann

**Host institution:** Institute for Experimental and Translational Cardiovascular Imaging (Goethe CVI), Goethe University Hospital Frankfurt, Germany



#### Karim Taha

**Programme:** Exercise to unravel myocardial stiffness changes as a potential cause of diastolic (dys)function: an ultra-high frame rate imaging study in HFpEF and athletes

**Supervisor:** Guido Claessen

**Host institution:** UZ Leuven, Belgium

### EACVI Training Grant



#### Georgios Georgiopoulos

**Programme:** Multi-modality imaging in cardiac amyloidosis with a focus on nuclear techniques

**Duration:** 6 months

**Supervisor:** Dr. Michael Emdin

**Host institution:** Fondazione Toscana Gabriele Monasterio (FTGM), Italy



#### Laura Sahakyan

**Programme:** 3D and speckle tracking training programme

**Duration:** 3 months

**Supervisor:** Luigi Badano

**Host institution:** Istituto Auxologico Italiano, IRCCS, Italy



#### Carlo Mannina

**Programme:** Training fellowship in multi-modality imaging and valvular heart disease

**Duration:** 6 months

**Supervisor:** Ronak Rajani

**Host institution:** Guy and St Thomas NHS Foundation Trust, UK



#### Domenico Filomena

**Programme:** Advanced training in CMR

**Duration:** 3 months

**Supervisor:** Jan Bogaert

**Host institution:** UZ Leuven, Department of Radiology, Belgium



#### Rinchyengkhand Myagmardorj

**Programme:** Multimodality imaging for assessment of coronary artery disease

**Duration:** 6 months

**Supervisor:** Victoria Delgado

**Host institution:** Leiden University Medical Center (LUMC), Heart Lung Center, Department of Cardiology, The Netherlands



# Advocacy

## Task Forces

### FOCUS echo

**Chairs:** Aleksandar Neskovic (Serbia) & Ivan Stankovic (Serbia)

The main objectives are to provide

- Core Syllabus
- Joint sessions and tracks at respective congresses
- Handbook

and ultimately certification.

Already available: FoCUS Core Curriculum and Core Syllabus, FoCUS tutorials



### Interventions

**Chairs:** Eustachio Agricola (Italy) & Erwan Donal (France)

The main objectives are to provide

- Core Syllabus
- Education
- Handbook

### Digital health

**Chair:** Bernard Cosyns (Belgium)

Role of the taskforce

- Establish a picture of the current situation in terms of digital health in imaging
- Define/anticipate the potential perspectives regarding digital health in imaging
- Evaluate the impact of digital health in imaging for the patient, the healthcare professionals, the industry, the healthcare system, and the governance

NEW

### Value Based Healthcare

**Chair:** Steffen E. Petersen (United Kingdom)

**Objectives:**

- Assess current level of knowledge and application across Europe
- Identify and provide existing resources
- Fill the educational gaps

NEW

### Women in cardiovascular imaging

**Chairs:** Julia Grapsa (United Kingdom) & Ana Almeida (Portugal)

**Objectives:**

- Enhance the careers of women imaging cardiologists by helping creating opportunities
- Attract women as fellows for CV Imaging by promoting effective career opportunities.
- Ensure the parity for women CV imagers, namely in leadership roles and equality compensation
- Promote and support scientific projects for studying women with CV diseases through imaging
- Promote workshops and education sessions with the topic of CV diseases imaging in Women

NEW

### (Adult) Congenital Heart Disease

**Chairs:** Giovanni Di Salvo (Italy) & Jolien Roos-Hesselink (The Netherlands)

**Objectives:**

- Webinars, congenital track at congresses
- Scientific papers, registries
- Communication, interaction with other societies and industry

### Regulatory Affairs

**Chair:** Piotr Szymanski (Poland)

**Objectives:**

- Current standards for assessing diagnostic performance of imaging systems
- Gaps in the evaluation of diagnostic performance of imaging systems
- Perspectives

Unless stated otherwise, all data mentioned in this report relate to Fiscal Year 2021, i.e. the period between 01 April 2020 and 31 March 2021.

## 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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