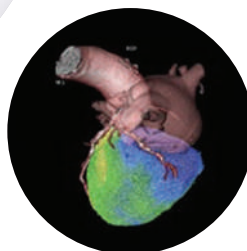
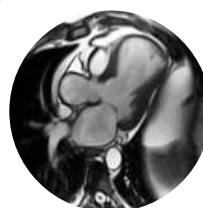
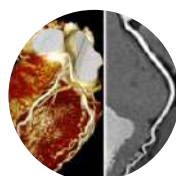




**EACVI**  
European Association of  
Cardiovascular Imaging

# EACVI Activity Report 2021



**01 April 2021 - 31 March 2022**

[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,

"If you dream alone, your dream will remain a dream. If you dream with other people, your dream will become reality". Yoko Ono.

Last year ended with the challenging but successful Euroecho 2021, a finally virtual Congress, which reached more than 2945 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 with more than 1750 cumulated attendees. The reality of the pandemic continues to influence the work of the EACVI and the ESC, sometimes forcing us to change our plans at the last moment. Nevertheless, both the EACVI and the CVI communities continue to support, with enthusiasm, all our activities.

We continued to dream of the in-person congresses, live courses and face-to-face meetings, in a normal and safe world again. And this dream is becoming reality. The recent live course on CCT at the heart house, the AI-CMR meeting in London and finally the EchoNice cursus attended by more than 300 delegates in total during the first semester of 2022 are encouraging. For safety reasons, the meeting in December will be purely online in order to avoid a last moment digital flip, as last year, generating a lot of unnecessary stress and frustration for both the organizers and the attendees.

The project of a big EACVI meeting, initially scheduled in 2020, has been reactivated and is planned onsite in Barcelona, Spain, from 12-14 May 2023.

In 2021, we have been doing our best to keep providing excellent science and education, and we will do it again in the year to come, expanding the online offer.

I would like to thank you all for contributing to our association and ensuring that 2021 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 2021, 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 and EACVI is paving the way for the broader educational offer within the ESC ever. The young community remains 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. Therefore, it was normal that the new ESC guidelines on Cardio-oncology that will be presented in 2022 will also be co-published in the EHJ-CVI (with a present IF of 6.875). A new open access journal will be launched in 2023.

We are working to improve patient awareness regarding CV imaging and developing online education modules for non-cardiologists (launch September 2022). We organised mini-symposia dedicated to specific diseases and cutting-edge aspects of CV imaging modalities and the program will continue this year to come. They are now available in VOD.

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

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

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



# Activity Snapshot 2021



# 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 Mohareem-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 Best of Imaging 2022 Scientific Programme Committee



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



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



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



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



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



**EACVI BOI 2022  
Scientific Committee  
Advisor**  
Prof. Erwan Donal



# Education

## Education Committee

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

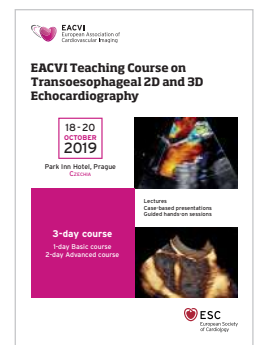
## Teaching Courses

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 and FY21.

Below is the list of EACVI recurrent courses:

| Recurrent courses   | When  | Where   |
|---|---|---|
| EACVI Course on Cardiology Computed Tomography  | 28-30 April 2022                                    | European Heart House, Sophia-Antipolis France |
| EACVI Teaching Course on CMR in Congenital and Paediatric Heart Disease   | Usually Spring<br>Next issue: 07-09 Sept 2022       | London, UK                                    |
| EACVI Preparatory Course for Certification in CMR   | Usually Spring<br>Next issue: 29 Sept - 01 Oct 2022 | European Heart House, Sophia-Antipolis France |
| EACVI HIT Course in collaboration with national WG In 2022: course on FoCUS in collaboration with the Echocardiographic Society of Serbia (ECHOS) | 07 October 2022                                     | Belgrade, Serbia                              |
| EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography  | 21-23 October 2022                                  | Prague, Czechia                               |
| EACVI/EANM ESMIT Autumn School  | TBD (Autumn)  | 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  |
|------------|--------------|--------------|---|
| 12/04/2021 | 639          | 324          | Stress echo and contrast echocardiography in CHD  |
| 26/05/2021 | 768          | 367          | CMR: how to build strategies to overcome the barriers to accessing CMR - a global perspective.                              |
| 10/06/2021 | 1228         | 569          | Cardiovascular involvement in COVID-19 patients: multimodality imaging for diagnosis, risk stratification and management    |
| 07/07/2021 | 533          | 253          | Myocardial strain analysis by multimodality imaging: from technical aspects to clinical value                               |
| 23/09/2021 | 1472         | 605          | Multimodality imaging for the assessment of patients with pulmonary hypertension  |
| 27/09/2021 | 1046         | 456          | Quantification of coronary inflammation using coronary CT angiography to improve patient risk prediction and stratification |
| 18/10/2021 | 441          | 215          | EACVI certification   |
| 28/10/2021 | 313          | 142          | Role of MMI in the diagnosis and prognosis of myocardial infarction with nonobstructive coronary arteries (MINOCA) disease  |
| 11/02/2021 | 550          | 278          | Imaging in patients with HFpEF  |
| 20/12/2021 | 1216         | 577          | The hypertrophied heart: how to get the best out of each imaging modality   |
| 12/01/2022 | 638          | 364          | Arrhythmic mitral valve prolapse from diagnosis to risk stratification  |
| 24/02/2022 | 345          | 165          | Handheld ultrasound: present and future   |
| 23/03/2022 | 383          | 193          | The role of imaging in cardiovascular disease prevention  |
|            | <b>9,572</b> | <b>4,508</b> |   |



Participants  
**4,508**



No. of Webinars  
**13**



# 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:

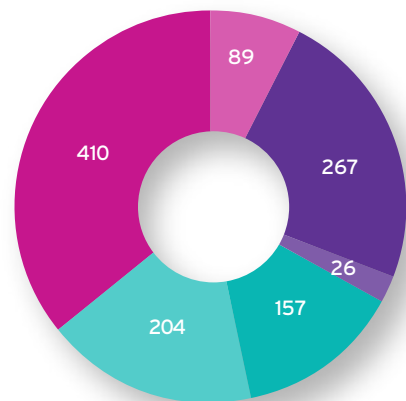
- Echocardiography (TTE: 31 tutorials, TOE: 16 tutorials, Focus Cardiac Ultrasound: 9 tutorials)
- Cardiovascular Magnetic Resonance: 10 tutorials
- Nuclear Cardiology: 5 tutorials
- Cardiac Computed Tomography: 5 tutorials
- Multimodality Imaging in Congenital Heart Disease: 9 tutorials

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

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

## EACVI tutorials - No. of purchases FY22

- EACVI CHD
- EACVI FoCUS
- EACVI CMR
- EACVI NC-CT
- EACVI TOE
- EACVI TTE



| e-learning topic (Launched in) | No. of purchases FY22 | Total No. of purchases since launch in 2016 |
|--------------------------------|-----------------------|---|
| EACVI CHD (2018)               | 89                    | 333   |
| EACVI CMR (2016)               | 267                   | 2,023                                       |
| EACVI FoCUS (2019)             | 26                    | 181   |
| EACVI NC-CT (2017)             | 157                   | 870   |
| EACVI TOE (2016)               | 204                   | 1,371                                       |
| EACVI TTE (2015)               | 410                   | 2,778                                       |
| <b>Total</b>                   | <b>1,153</b>          | <b>7,556</b>                                |



# Education

## EACVI Imaging toolboxes

EACVI offers toolboxes to help professionals better manage their patients.

### 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.

### 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).

### 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).

### 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.

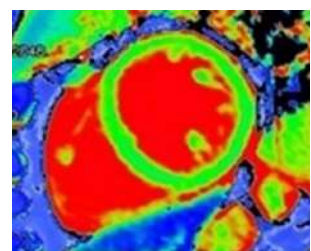
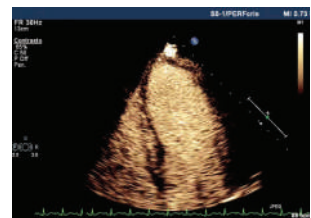
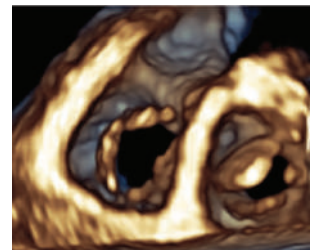
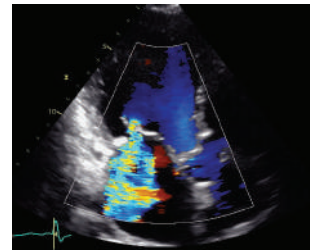
[www.escardio.org/Imaging-boxes](http://www.escardio.org/Imaging-boxes)

### Access

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

## Coming soon in 2022: EACVI Level 1 Programme

Basic knowledge for all imaging modalities, based on core syllabus  
On-demand short videos, 20+ hours of lectures in total





# Education

## Certification & Accreditation Committee

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



### Certification

#### 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



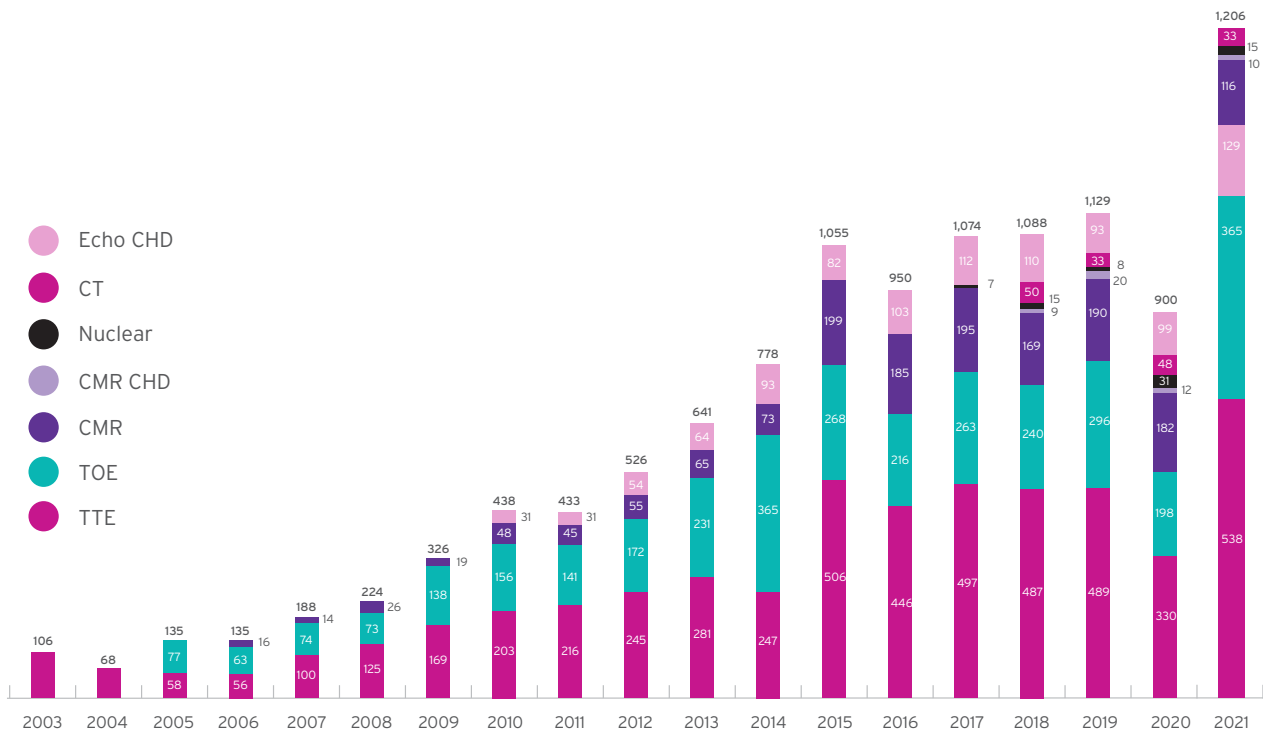
# Education

## 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)  
**1206 candidates to 9 online exams in 2021!**



### EACVI Certification exams 2021-2022 - 100% ONLINE

| JUNE 2021 (ONLINE)  |
|---|
| <ul style="list-style-type: none"> <li>• Cardiac CT exam</li> <li>• CMR exam</li> <li>• CMR CHD exam</li> <li>• TOE exam</li> <li>• TTE exam</li> </ul> |
| DECEMBER 2021 (ONLINE)  |
| <ul style="list-style-type: none"> <li>• TOE exam</li> <li>• TTE exam</li> <li>• Echo CHD exam</li> <li>• Nuclear exam</li> </ul>                       |

| JUNE 2022 (ONLINE)  |
|---|
| <ul style="list-style-type: none"> <li>• TOE exam</li> <li>• TTE exam</li> </ul>                          |
| OCTOBER 2022 (ONLINE)   |
| <ul style="list-style-type: none"> <li>• Cardiac CT exam</li> <li>• Nuclear exam</li> </ul>               |
| NOVEMBER 2022 (ONLINE)  |
| <ul style="list-style-type: none"> <li>• CMR exam</li> <li>• CMR CHD exam</li> </ul>                      |
| DECEMBER 2022 (ONLINE)  |
| <ul style="list-style-type: none"> <li>• TOE exam</li> <li>• TTE exam</li> <li>• Echo CHD exam</li> </ul> |



# 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 2021 and 31 March 2022

| Title  | Chair                            | Date   |
|--|----------------------------------|--------|
| Multimodality Imaging of myocardial viability: an Expert Consensus Document from the European Association of Cardiovascular Imaging (EACVI)  | Bernhard Gerber                  | Jun-21 |
| Level 1 of Entrustable Professional Activities in echocardiography: A position statement from the EACVI  | Ivan Stankovic                   | Aug-21 |
| The year 2020 in the European Heart Journal - Cardiovascular Imaging: part I   | Thor Edvardsen                   | Aug-21 |
| The year 2020 in the European Heart Journal - Cardiovascular Imaging: part II  | Bernard Cosyns                   | Oct-21 |
| Multimodality imaging in patients with heart failure and preserved ejection fraction. An expert consensus document of the European Association of Cardiovascular Imaging.  | Otto Smiseth / Bogdan A. Popescu | Nov-21 |
| Multimodality imaging approach to the diabetic heart: An Expert Consensus document from the European Association of Cardiovascular Imaging   | Maurizio Galderisi / Tom Marwick | Nov-21 |
| Non-invasive Imaging in coronary syndromes - Recommendations of the European Association of Cardiovascular Imaging and the American Society of Echocardiography, in collaboration with the American Society of Nuclear Cardiology, Society of Cardiovascular Computed Tomography and Society for Cardiovascular Magnetic Resonance | Thor Edvardsen / Federico Asch   | Nov-21 |
| Clinical application of cardiac CT in 2020 - A Consensus Paper of European Association Cardiovascular Imaging. Part I  | Gianluca Pontone                 | Jan-22 |
| Clinical application of cardiac CT in 2020 - A Consensus Paper of European Association Cardiovascular Imaging. Part II   | Gianluca Pontone                 | Feb-22 |
| How to Assess Tricuspid Regurgitation Severity   | Leyla Elif Sade                  | Feb-22 |
| How to evaluate cardiomyopathies by CMR mapping and LGE  | Bernhard Gerber                  | Feb-22 |
| Radiation safety for CT imaging in pediatric cardiology. A joint experts consensus document between EACVI, ESCR and AEPC   | Alessia Gimelli                  | Mar-22 |
| Recommendations for the Multi-Imaging Assessment of Native Valvular Regurgitation  | Patrizio Lancellotti             | Mar-22 |

## 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.

### 3 surveys conducted and 3 papers published:

- EACVI survey on the evaluation of left ventricular diastolic function (May 2021)
- EACVI survey on hypertrophic cardiomyopathy (December 2021)
- EACVI survey on burnout amongst cardiac imaging specialists during the 2019 coronavirus disease pandemic (December 2021)

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. 2021 Impact Factor: 9.13

### **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** Third Edition

The ESC Textbook of Cardiovascular Imaging third 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 'state of the art' clinically-orientated imaging reference.

### **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

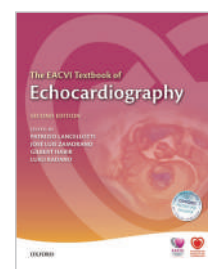
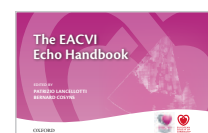
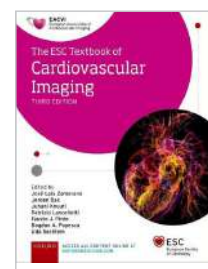
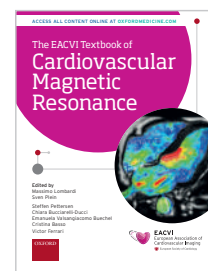
Evidence-based and corresponding with the latest EACVI recommendations. Emphasis on providing sound management and treatment guidance.

- 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.

### **2022 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 will be released in September 2022.



# Congress

## EuroCMR 2021 - Quick facts & figures



**1,244**

### total participants

- 1,229 Active delegates (including xxx paying)
- 14 Exhibitors
- 1 Press



**83**

### countries represented

104 faculty members (from 26 countries) for 140 roles in the programme



**36**

### Scientific programme sessions

- 21 scientific and educational sessions
- 11 Abstract-based Sessions



**326**

### abstracts & cases submitted

- 178 abstracts submitted + 148 clinical cases
- 145 abstracts and 50 clinical cases accepted



### Industry sponsored sessions

- 4 Satellite Symposia



### CME credits

5 CME credits from UEMS



### Congress Themes

Frontiers in CMR  
CMR in Practice  
Congenital and cases



### Event platform

- 3 channels streamed
- e-poster gallery on demand for abstracts & clinical cases





# Congress

## ICNC-CT Virtual 2021 - Quick facts & figures



**516**

### total participants

- 501 Active delegates (including 386 paying)
- 13 Exhibitors
- 2 Press



**55**

### countries represented

85 faculty members (from 15 countries) for 96 roles in the programme



**31**

### Scientific programme sessions

- 21 scientific and educational sessions
- 9 Abstract-based Sessions



**119**

### abstracts & cases submitted

- 111 abstracts and clinical cases accepted



### Industry sponsored sessions

- 1 Satellite Symposium



### CME credits

10 CME credits from UEMS



### Congress Themes

- From imaging asymptomatic coronary atherosclerosis to guiding coronary interventions
- From guidelines intelligence and from practical “how to?” sessions to MMI in sarcoidosis, amyloidosis, endocarditis.
- From imaging trials to clinical practice



### Event platform

- 3 channels streamed
- e-poster gallery on demand for abstracts & clinical cases





# Congress

## EuroEcho 2021 - Quick facts & figures

*EuroEcho 2021 was initially planned to be held in Berlin and online, a first for EACVI.*

*Due to the COVID-19 pandemic, the congress was cancelled onsite 2 weeks before the congress and was confirmed as a 100% online event.*



**2,945**

### total participants

- 2,185 Active delegates (attended live)
- 16 Exhibitors



**92**

### countries represented

160 faculty members (from 32 countries) for 242 roles in the programme



**60**

### Scientific programme sessions

- 36 scientific and educational sessions
- 19 Abstract-based Sessions



**813**

### Abstracts & cases submitted

- 592 abstracts and 221 clinical cases submitted
- 501 abstracts and 156 clinical cases accepted



### Industry sponsored sessions

- 5 Satellite Symposia



### CME credits

9 CME credits from UEMS (live viewing & on-demand)



### Congress Main Themes

Valvular Heart Disease & Ischemic Heart Disease  
Imaging: Echocardiography & Multi-Modality Sessions



### Event platform

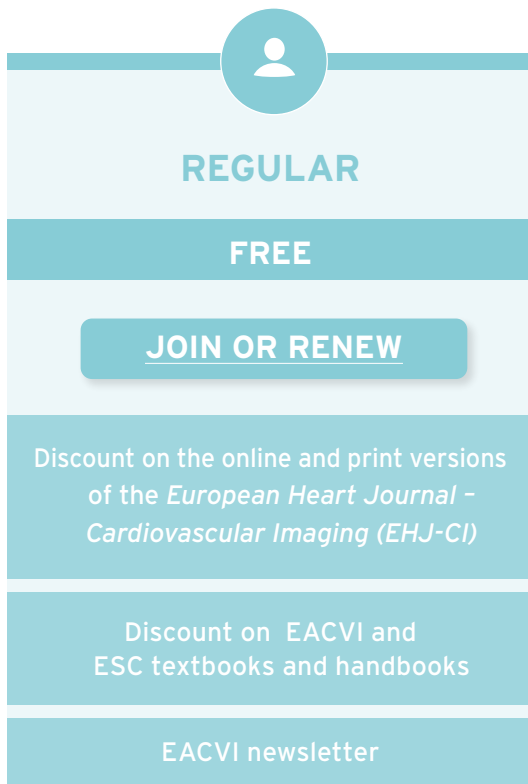
- 3 channels streamed
- Research Gateway on demand for abstracts & clinical cases



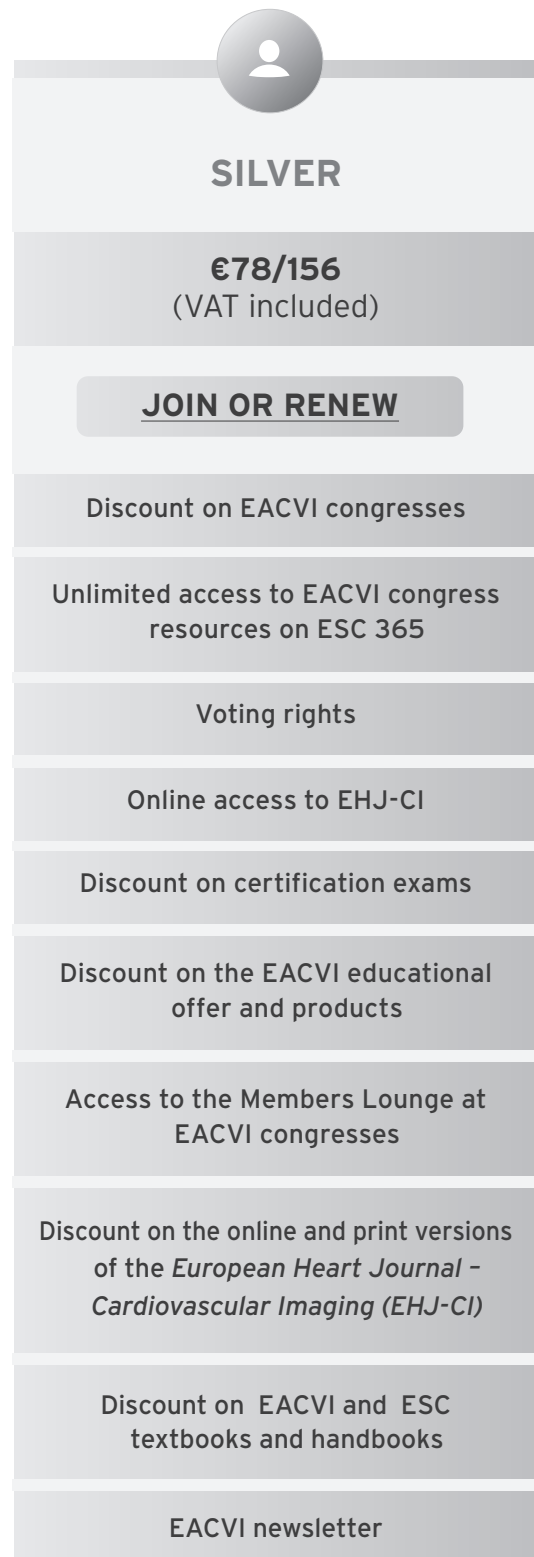
# Membership



**Fellow of the EACVI  
(FEACVI)**  
*a symbol of excellence in  
cardiovascular imaging*  
Annual call for applications  
15 June - 15 October



**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

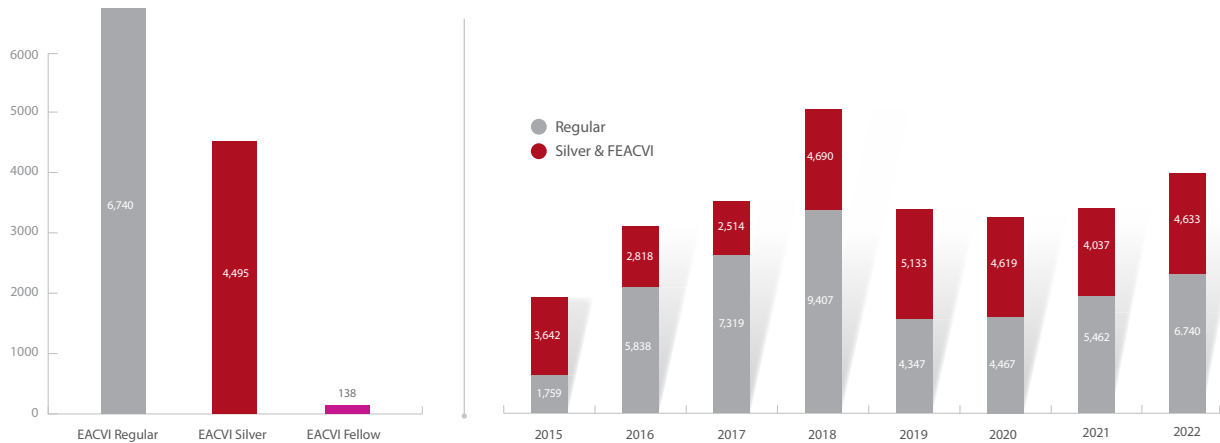
### FEACVI

138 elected fellows of the EACVI in 2022

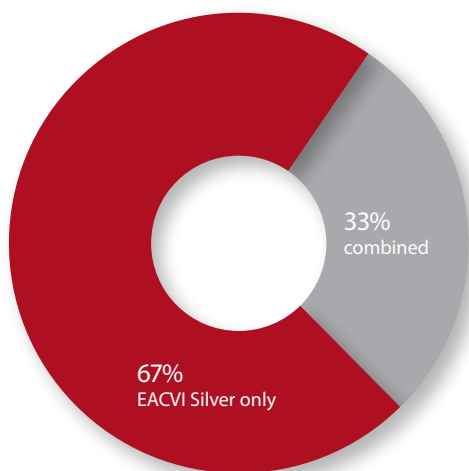


**11,373 members on 31 March 2022**

### 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> |

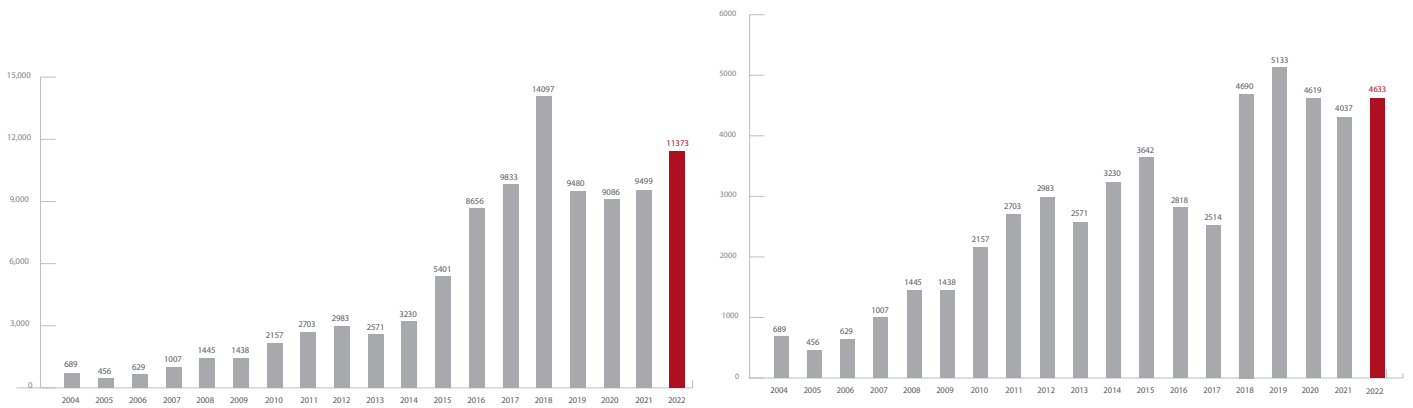
# Membership

## Membership statistics 2022

All levels

Silver & FEACVI levels

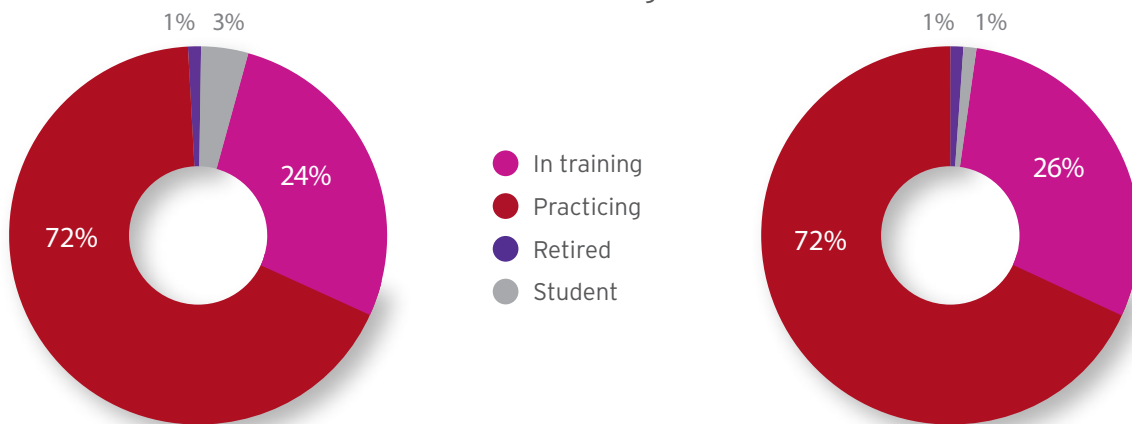
### Members Profile - Subscriptions



### Members Profile - Gender



### Members Profile - Stage in career

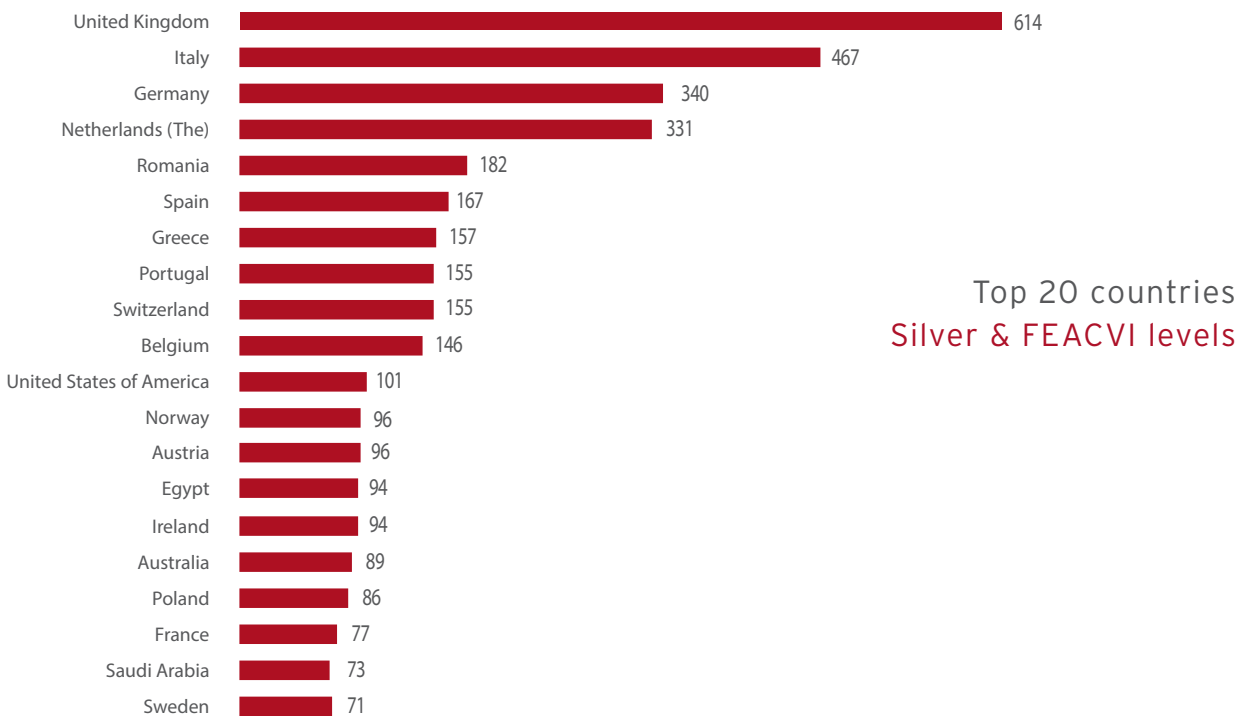
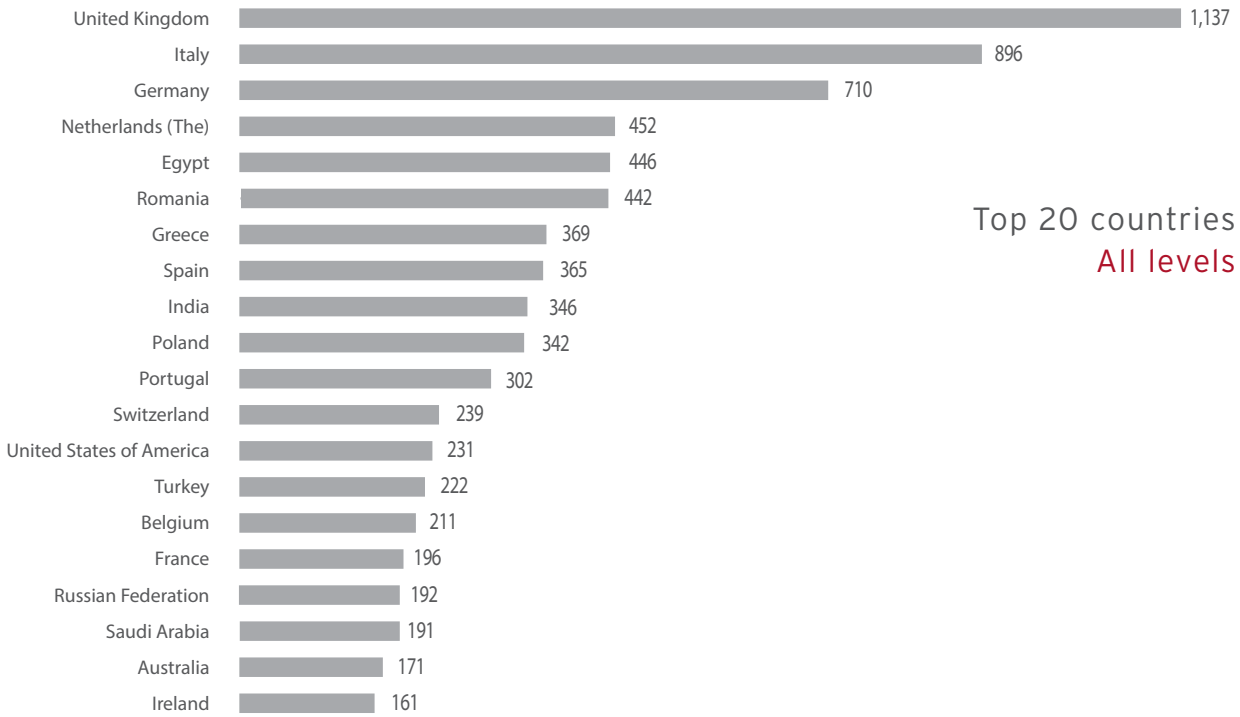




# Membership

## Membership statistics 2022

### Levels of membership







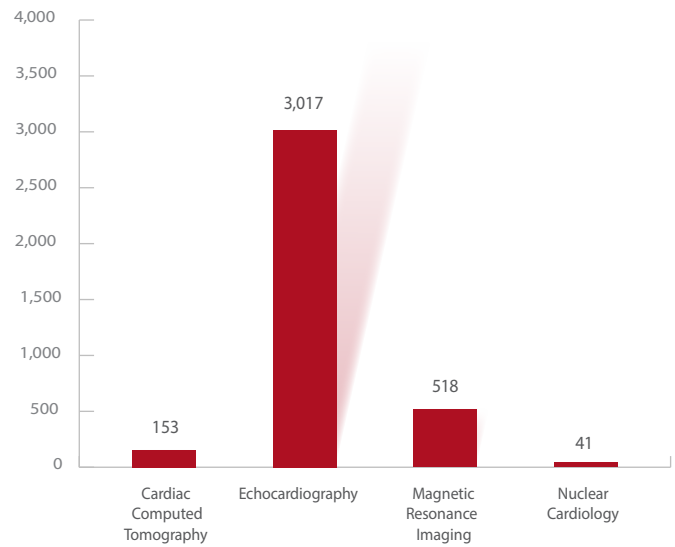
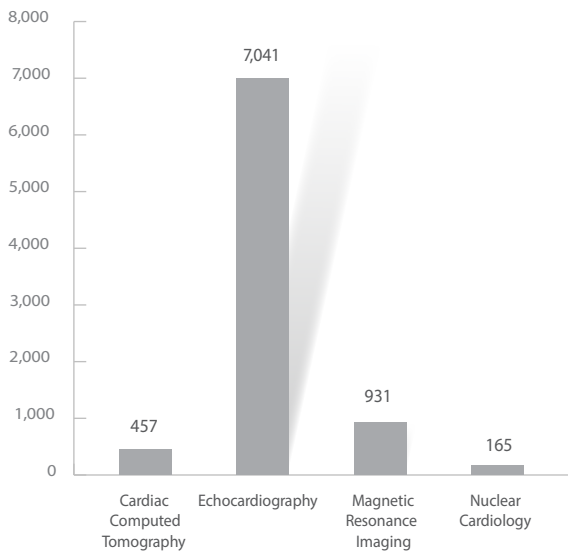
# Membership

## Membership statistics 2022

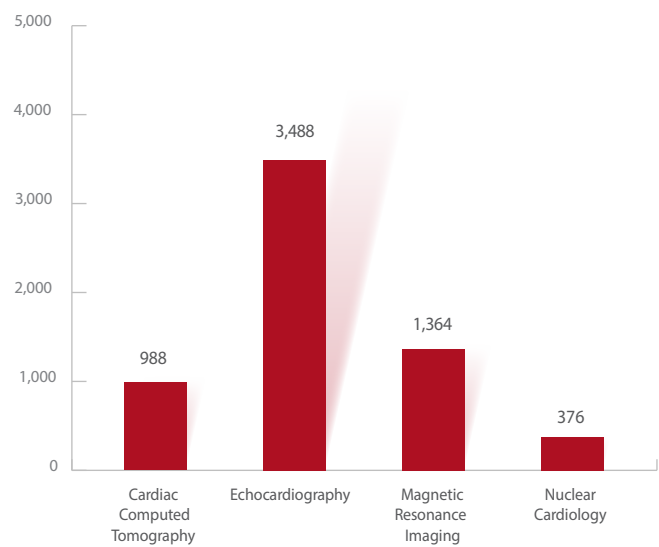
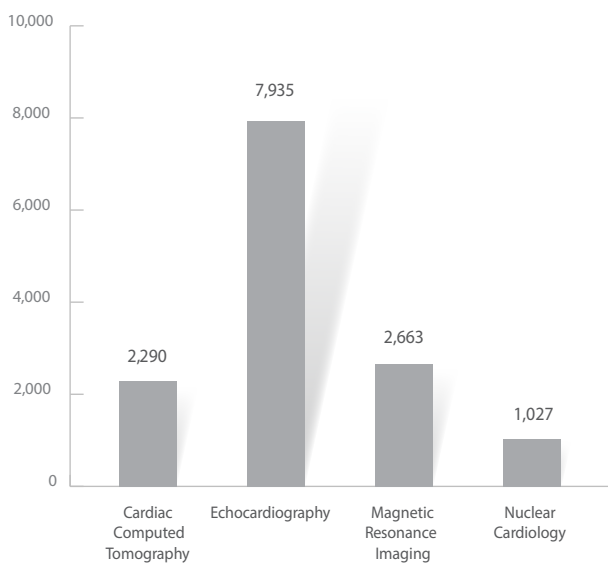
All levels

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

*“ I am extremely thankful to EACVI for this exceptional opportunity, that I think is career-changing and life-changing. ”*

*Dr Jessica Artico, EACVI Research Grant winner 2021*



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



# Advocacy

## EACVI Imaging Grants winners 2022

### EACVI Research Grant



#### Christian Nitsche

**Programme:** Multi-modality Imaging for Patient-Identification and Characterization of Dual Pathology Cardiac Amyloidosis and Aortic Stenosis

**Supervisor:** Thomas Treibel

**Host institution:** UCL Institute of Cardiovascular Science, CMR Dept, London, UK



#### Jolien Geers

**Programme:** Elucidating the central role of fibrosis at the valvular and myocardial level in patients with aortic stenosis

**Supervisor:** Marc Dweck

**Host institution:** University of Edinburgh, BHF Centre for Cardiovascular Science, Edinburgh, UK



#### Mirakhmadjon Mirmaksudov

**Programme:** Myocardial mechanics after His bundle pacing

**Supervisor:** Thor Edvardsen

**Host institution:** Department of Cardiology, Oslo University Hospital, Rikshospitalet and University of Oslo, Norway



#### Pranav Bhagirath

**Programme:** Non-invasive assessment of patient-specific conduction pathways and associated arrhythmic vulnerability using virtual hearts; combining high-resolution 3D anatomical substrate characterization and computational modeling in patients with ischemic cardiomyopathy

**Supervisor:** Martin Bishop

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

### EACVI Training Grant



#### Satish Ramkumar

**Programme:** Advanced CMR and Cardio-Oncology Fellowship

**Duration:** 6 months

**Supervisor:** Charlotte Manisty

**Host institution:** Bart's Health Department of Cardiac Imaging (Cardiac MRI), London, UK



#### Maria Isabel Gonzalez Del Hoyo

**Programme:** Multimodality imaging in the Interventional Management of complex structural heart disease

**Duration:** 6 months

**Supervisor:** Ralph Stephan von Bardeleben

**Host institution:** Head Heart Valve Center Mainz, Universitätsmedizin Mainz, Germany



#### Martina Avesani

**Programme:** Foetal and advanced echocardiography in Congenital Heart Diseases

**Duration:** 6 months

**Supervisor:** Xavier Iriart

**Host institution:** CHU Bordeaux, Pediatric and Adult Congenital Department, Bordeaux, France



#### Nicoletta Orphanou

**Programme:** Multimodality imaging in acute cardiac care

**Duration:** 6 months

**Supervisor:** Ali Vazir

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

**Host institution:** Royal Brompton Hospital, Echocardiography /perioperative care department, London, UK



# 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

### 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

### 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

### (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 2022, i.e. the period between 01 April 2021 and 31 March 2022.

## 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

Les Templiers, 2035 route des colles

CS 80179 Biot, 06903 Sophia Antipolis Cedex,  
FRANCE

Tel: +33 (0)4 92 94 76 00

Fax: +33 (0)4 92 94 76 01

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