

EuroACHD 2022

The 13th European Meeting on
Adult Congenital Heart Disease



Scientific Programme

12–13 April 2022
Rotterdam

 **ESC**
Working Group
Adult Congenital
Heart Disease

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• Welcome •

Dear colleagues,

It is our pleasure to announce the 13th annual conference of the ESC Working Group on Adult Congenital Heart Disease will take place on 12-13 April 2022.

After a long period during which scientific conferences have been impacted by the coronavirus pandemic, we look forward to welcoming you in-person once again, in the beautiful city of Rotterdam for EuroACHD 2022 (formerly known as EuroGUCH)

In the current context, the organisation of the next European meeting of our Working Group is a challenge that we undertake with great enthusiasm. We are convinced that an appealing scientific programme with excellent speakers will be attractive for international participants.

The scientific programme will be organised in different sessions, providing the latest updates and showcasing the most promising research in the fields of congenital cardiology. All of the sessions provide unique opportunities for networking and interaction with world-leading experts.

On behalf of the ESC Working Group on Adult Congenital Heart Disease, we look forward to welcoming you to Rotterdam for a fantastic EuroACHD 2022.

Sincerely,

Jolien W Roos-Hesselink
Past Chairperson of the
ESC WG ACHD,
EuroACHD 2022 Local Host

Gerhard P Diller
Chairperson of the
ESC WG ACHD

Michael Gatzoulis
Chairperson-Elect of the
ESC WG ACHD

◆ Committee ◆

Nucleus 2020-2022

Past Chairperson of the ESC WG ACHD, EuroACHD 2022 Local Host

Prof. Jolien W. Roos-Hesselink, FESC

Chairperson of the ESC WG ACHD

Dr. Gerhard P. Diller, FESC

Chairperson-Elect of the ESC WG ACHD

Prof. Michael Gatzoulis

Treasurer

Dr. Berto Bouma

Secretary

Dr. Oktay Tutarel, FESC

Web Editor

Dr. Laura Dos Subirà

Ordinary Nucleus members

Dr. Giancarlo Scognamiglio

Dr. Margarita Brida

Dr. Magalie Ladouceur

Ex-Officio members

Prof. Werner Budts, Liaison with AEPC

Dr. Alessandro Giamberti, Liason with EACTS

Dr. Daniel Tobler, ISACHD Representative

Prof. Sabine Ernst, EHRA Representative

◆ Meeting at a glance ◆

Tuesday, 12th April 2022

08:30 - 08:45	Welcome & Greetings
08:45 - 10:30	Session 1: The systemic right ventricle
10:30 - 11:00	Coffee break
11:00 - 12:30	Session 2: Aorta and coronaries
12:30 - 13:30	Lunch Break
12:35 - 13:20	Satellite Symposium 1 - Organised by Medtronic
13:30 - 15:00	Session 3: Diagnostics in ACHD
15:00 - 15:30	Coffee break
15:30 - 16:45	Session 4: Endocarditis
16:45 - 17:15	Session 5: Jane Somerville Lecture
17:15 - 18:00	Satellite Symposium 2

Wednesday, 13th April 2022

08:30 - 09:20	General Assembly
09:30 - 10:45	Session 6: Morbus Ebstein
10:45 - 11:15	Coffee break
11:15 - 11:45	Session 7: PRO / CON Sports should not be restricted in ACHD patients
11:45 - 12:15	Session 8: PRO / CON Transplantation of the failing Fontan is a good option
12:15 - 12:45	Session 9: Moderate Posters
12:45 - 13:45	Lunch Break
13:45 - 15:15	Session 10: Quality of life
15:15 - 15:30	Coffee break
15:30 - 16:30	Session 11: Hypoplastic left heart
16:30 - 16:45	Awards ceremony and closing remarks

• Scientific Programme •

Tuesday, 12th April 2022

08:30 - 08:40 Welcome & Greetings - *Gerhard Diller, Michael Gatzoulis & Jolien Roos-Hesselink*
08:40 - 08:45 Start of the Congress by alderman Mrs. Christina Eskes, city of Rotterdam

08:45 - 10:30 Session 1: The systemic right ventricle

Chairpersons: *Gerhard Diller and Ad Bogers*

08:45 - 09:00 Long term outcome - *Margarita Brida*
09:00 - 09:15 Risk stratification - *Magalie Ladouceur*
09:15 - 09:30 Arrhythmia management, including prophylactic ICD - *Natasja de Groot*
09:30 - 09:45 Medical therapy - *Anastasia Egorova*
09:45 - 10:00 Non-medical therapy: RVAD - *Mark Hazekamp*
10:00 - 10:15 Valve intervention, when and how - *Helmut Baumgartner*
10:15 - 10:30 Discussion

10:30 - 11:00 Coffee break

12:00 - 12:30 Session 2: Aorta and coronaries

Chairpersons: *Werner Budts and Hubert Vliegen*

11:00 - 11:15 Long-term outcome after repaired coarctation - *Michiel Voskuil*
11:15 - 11:30 Percutaneous intervention for adults with coarctation - *Marcel Beijk*
11:30 - 11:45 PEARS intervention for ascending aorta aneurysm - *Dave Koolbergen*
11:45 - 12:00 Imaging and risks of aberrant coronary arteries - *Daniel Tobler*
12:00 - 12:15 The Ross-procedure in the current era - *Hanneke Takkenberg*
12:15 - 12:30 Discussion

12:30 - 13:30 Lunch Break

12:35 - 13:20 Satellite Symposium 1 - Organised by Medtronic

13:30 - 15:00 Session 3: Diagnostics in ACHD

Chairpersons: *Oktay Tutarel and Gruschen Veldtman*

13:30 - 13:45 Frequency of visits needed/home monitoring - *Michael Gatzoulis*
13:45 - 14:00 Advances in MRI imaging (4Dflow) - *Heynric Grotenhuis*
14:00 - 14:15 New RV echo imaging - *Annemien van den Bosch*
14:15 - 14:30 The lymphatic vasculature - *Vibeke Hjortdal*
14:30 - 14:45 Who needs genetic testing in ACHD? - *Julie de Backer*
14:45 - 15:00 Discussion

15:00 - 15:30 Coffee break

- 15:30 - 16:45 Session 4: Endocarditis**
Chairpersons: *Helmut Baumgartner and Magalie Ladouceur*
- 15:30 - 15:45 Incidence and predictors of outcome - *Oktay Tutarel*
15:45 - 16:00 Imaging with PET-CT - *Ricardo Budde*
16:00 - 16:15 EuroEndo, results in ACHD - *Joost van Melle*
16:15 - 16:30 Percutaneous valve endocarditis - *Berto Bouma*
16:30 - 16:45 Discussion

- 16:45 - 17:15 Session 5: Jane Somerville Lecture**
Chairperson: *Jolien Roos - Hesselink*
- 16:45 - 17:15 Arrhythmias in ACHD: challenges and innovations - *Paul Khairy*

- 17:15 - 18:00 Satellite Symposium 2 - Organised by Janssen**

Wednesday, 13th April 2022

- 08:30 - 09:20 General Assembly**
Chairperson: *Gerhard Diller*

- 09:40 - 10:45 Session 6: Morbus Ebstein**
Chairpersons: *Pastora Gallego and Alessandro Giamberti*
- 09:40 - 09:45 Anatomy and imaging - *Giancarlo Scognamiglio*
09:45 - 10:00 Indications for intervention - *Arie van Dijk*
10:00 - 10:15 Arrhythmia management including WPW - *Laura Dos Subirà*
10:15 - 10:30 Difficult case with ASD - *Judith Cuypers*
10:30 - 10:45 Discussion

- 10:45 - 11:15 Coffee break

- 11:15 - 11:45 Session 7: PRO / CON Sports should not be restricted in ACHD patients**
Chairpersons: *Michael Gatzoulis and Vibeke Hjortdal*
- 11:15 - 11:30 PRO - *Werner Budts*
11:30 - 11:45 CON - *Pastora Gallego*

- 11:45 - 12:15 Session 8: PRO / CON Transplantation of the failing Fontan is a good option**
Chairpersons: *Vibeke Hjortdal and Michael Gatzoulis*
- 11:45 - 12:00 PRO - *Gruschen Veldtman*
12:00 - 12:15 CON - *Craig Broberg*

- 12:15 - 12:45 Session 9: Moderated Posters**
Chairpersons: *Laura Dos Subirà and Lodewijk Wagenaar*
- 12:15 - 12:20 Advanced Fontan associated liver disease: results from a single centre cohort after multimodality screening - *Andrés Alonso-García*
12:20 - 12:25 Survival in Patients with Ebstein Anomaly: A two-country, population-based study including 823 patients - *Filip Eckerström*
12:25 - 12:30 Sacubitril/valsartan in the treatment of systemic right ventricular failure - *Marieke Nederend*

- 12:30 - 12:35 Congenital heart defects and the risk of infertility; a nationwide cohort study - *Louise Udholm*
- 12:35 - 12:40 Pregnancy in women with bioprosthetic valves: re-examining the risks - *Barbara Wichert-Schmitt*
- 12:40 - 12:45 Presentation winner best abstracts
- 12:45 - 13:45 Lunch Break
- 13:45 - 15:15 Session 10: Quality of life**
Chairpersons: *Margarita Brida and Berto Bouma*
- 13:45 - 14:00 Psychological determinants of quality of life - *Philip Moons*
- 14:00 - 14:15 Neurocognitive outcome - *Martijn Kauling*
- 14:15 - 14:40 Pregnancy and recurrence risk - *Gerhard Diller*
- 14:30 - 14:45 Advanced care in clinical practice - *Markus Schwerzmann*
- 14:45 - 15:00 What about sex: taboo in the consulting room? - *Philippine Kies*
- 15:00 - 15:15 Discussion
- 15:15 - 15:30 Coffee break
- 15:30 - 16:30 Session 11: Hypoplastic left heart**
Chairpersons: *Daniel Tobler and Giancarlo Scognamiglio*
- 15:30 - 15:45 Anatomy and Surgery - *Alessandro Giamberti*
- 15:30 - 16:00 Long-term outcome - *Willem Helbing*
- 16:00 - 16:30 Morphology Quiz - *Monique Jongbloed*
- 16:30 - 16:45 Awards ceremony and closing remarks**
- 16:30 - 16:35 EuroACHD 2022 awards & closing remarks - *Gerhard Diller & Jolien Roos-Hesselink*
- 16:35 - 16:45 EuroACHD 2023 - *Magalie Ladouceur*

◆ Accreditation ◆

Accreditation statement



The 13th European Meeting on Adult Congenital Heart Disease (EuroACHD 2022), Rotterdam, Netherlands, 12/04/2022-13/04/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 11 European CME credits (ECMEC®s).

Credit designation statement

The EuroACHD 2022 Congress is designated for a maximum of 11 European CME credits (ECMEC®s). Each attendee should claim only those hours of credit that he/she actually spent in the educational activity.

Claiming CME credits

The EACCME credit system is based on 1 ECMEC per hour. Please submit the UEMS-EACCME Evaluation Form (available in the congress website after the conference) in order to receive the corresponding UEMS-EACCME Certificate.

Agreement with other medical associations

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org. Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Disclosure

All speakers and chairpersons participating in the congress have disclosed potential conflict of interest that might cause a bias in the presentations. The Organising Committee is responsible for ensuring that all potential conflict of interest relevant to the programme are declared to the audience.

• General Information •

ESC Working Group on Adult Congenital Heart Disease



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Congress Venue

The EuroACHD Congress takes place at the LantarenVenster in Rotterdam.

LantarenVenster

Otto Reuchlinweg 996 (Wilhelminapier)

3072 MD Rotterdam

The nearest station is Wilhelminaplein, metro line D/E or tram line 23/25.

Certificate of attendance

A certificate of attendance will be sent by e-mail to all participants after the congress.

We thank the following societies for providing their support to EuroACHD 2022.



◆ Industry Symposia ◆

Satellite Symposium 1 - Organised by Medtronic

Title: Present and future of Transcatheter Pulmonary Valve replacement

Tuesday April 12th from 12.35 - 13.20

Room 1

Agenda

Prof. Andreas Eicken - DHZ Munich, Germany

Long-term Experience with Melody™ TPV: Insights & Learnings

Prof. Lars Sondergaard - Rigshospitalet Copenhagen, Denmark

New solutions on the horizon for Tetralogy of Fallot patients with self-expanding TPV

Attend this session if you want to know more about:

1. Long term experience with Melody™ TPV.
2. Upcoming technology for PPVI.

Satellite Symposium 2 - Organised by Janssen

Title: Making timely connections in pulmonary arterial hypertension associated with congenital heart diseases: A case-based learning

Tuesday, 12th April 2022 from 17:15 - 18:00

Co-chairs: Prof. George Giannakoulas and Dr Alessandra Manes

Learning objectives:

1. Understand how a smooth transition from paediatric to adult congenital heart disease (CHD) care can be achieved with minimum loss to follow-up.
2. Recognise the value of regular screening for pulmonary arterial hypertension (PAH) in adult patients with CHD and timely referral to expert centres for early diagnosis.
3. Learn how long-term outcomes in CHD-PAH patients can be improved through timely and appropriate PAH-specific combination therapy.

17:15-17:20 Welcome and introduction - *George Giannakoulas and Alessandra Manes*

17:20-17:35 Navigating the journey towards an earlier PAH diagnosis in adult patients with CHD - *Alessandra Manes*

17:35-17:45 Optimising treatment strategies in CHD-PAH - *Robin Condliffe*

17:45-18:00 Audience Q&A and closing remarks - *Q&A Moderators: George Giannakoulas, Alessandra Manes. Closing remarks: George Giannakoulas*

◆ Sponsors ◆

We would like to thank the Sponsors of the Congress:

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Reference

¹Georgiev S, Ewert P, Eicken A, et al. Munich Comparative Study: Prospective Long-Term Outcome of the Transcatheter Melody Valve Versus Surgical Pulmonary Bioprosthesis With Up to 12 Years of Follow-Up. *Circ Cardiovasc Interv.* July 2020;13(7):e008963.



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