

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

WEDNESDAY, APRIL 26, 2023

08:30 - 15:40 HALL 1 (LIFFEY A)

UPDATE COURSE

Hearts and Minds - The Brain in Congenital Heart Disease

08:30 - 08:40 **Introduction, Frank Casey**

08:40 - 10:10 **Fetal and Neonatal Period**

Chairs: Katya De Groote & Cormac Breatnach

08:40 - 09:00 Fetal Brain Development in CHD and Neuroprotection in utero, **Mike Seed**

09:00 - 09:15 Pre-op Neuroprotection in the Neonatal unit, **Adam James**

09:15 - 09:30 Strategies for monitoring and protecting brain function in the operating theatre,
Marta Camprubi

09:30 - 09:45 Bedside monitoring of Brain function in the PICU, **Laura McDarby**

09:45 - 10:10 Q&A (Discussion)

10:10 - 10:40 BREAK

10:40 - 11:40 **Infancy and Early Childhood**

Chairs: Nicole Sekarski & Catherine Matthews

10:40 - 10:55 Early neurodevelopmental outcomes in CHD: phenotype, risk factors and prevention,
Johanna Calderon

10:55 - 11:10 Neurodevelopmental Evaluation and Intervention in Preschool Age Children,
Jacqueline Sanz

11:10 - 11:25 Early interventions to Optimise Developmental outcome for Children and families
with CHD, **Chris McCusker**

11:25 - 11:40 Q&A (Discussion)

11:40 - 12:40 **The School aged Child**

Chairs: Gil Wernovsky & Jo Wray

11.40 -11.55 Education and learning challenges in schools for children with CHD, **Bea Latal**

11.55-12.10 Treating the Whole Child-Optimising Physical, Educational and Psychosocial Outcomes in
Children with CHD, **Frank Casey**

12.10-12.25 Building partnerships in Neurodevelopmental Research- CNOC and AEPC,
Shabnam Peyvandi & Kelly Wolfe

12:25 - 12:40 Q&A (Discussion)

13:40 - 15:00 **The Adolescent and Adult**

Chairs: Eva Goossens & Werner Budts

13:40 - 13:55 The importance of transitional interventions in managing adolescents with CHD,
Ewa-Lena Bratt

13:55 - 14:10 The patient view - What I need from the Care Team

14:10 - 14:25 Neurodevelopmental outcome, psychological adjustment, and quality of life in
adolescents with congenital heart disease, **Melanie Ehrler**

14:25 - 14:40 Geriatric congenital heart disease - A new challenge in the care of adults with congenital
heart disease, **Margarita Brida**

14:40 - 15:00 Q&A (Discussion)

15:00 - 15:30 **Keynote Lecture**

Chair: Frank Casey

Challenging Dogma and Inviting Change: Rethinking Management of the Neonate with
CHD to Improve Lifelong Outcomes, **Gil Wernovsky**

15:30 - 15:40 **Conclusion, Colin McMahon**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

WEDNESDAY, APRIL 26, 2023

16:00 – 17:30 AUDITORIUM

OPENING CEREMONY & MANNHEIMER LECTURE

Speaker: ***Daniel J. Penny, USA***

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

09:00 - 11:00 HALL 1 (LIFFEY A)

AEPC Business Meeting

11:30 - 13:00 HALL 1 (LIFFEY A)

Hot Topics in Congenital Cardiology

Separate / WG: Cardiac Imaging

Chair: **Gerald Greil, USA**

Co-chair: **Andrew Redington, USA**

Co-chair: **Jeffrey Jacobs, USA**

Every patient should have MR lymphangiography as part of pre Fontan assessment? Pro / Con, **Yoav Dori & Vibeke Hjortdal**

Fenestrations which remain open should be left open to preserve long-term liver function or must everyone be closed? Pro/Con, **Kevin Walsh & Marc Gewillig**

Every single ventricle patient (Fontan) should have annual serial liver imaging + biopsy from 10 years of age? Pro/Con, **Jan Hinnerk Hansen & Emer Fitzpatrick**

11:30 - 13:00 HALL 2 (LIFFEY HALL 1)

Virtual/Augmented Reality and simulation in CHD

Separate / WG: Interventional Cardiology

Chair: **Gianfranco Butera, Italy**

Co-chair: **Regina Bökenkamp, The Netherlands**

Virtual reality and engineering simulations for nulls – An engineer talk to make it easy, **Silvia Schievano, UK**

Virtual reality/simulation for training and counseling, **Massimo Chessa, Italy**

How simulation and virtual reality helps real surgeons, **Martin Kostolny, UK**

Simulating virtually a successful cath procedure, **Phuoc Duong, UK**

Cardiovascular simulation as a decision support tool, **Francesca Raimondi, Italy**

11:30 - 13:00 HALL 3 (LIFFEY HALL 2)

Complex TGA with LVOTO

Joint / WG: Cardiovascular Morphology & Surgery, Imaging, ACHD

Chair: **Monique Jongbloed, Netherlands**

Co-chair: **Paul Oslizlok, Ireland**

Anatomy of TGA with LVOTO, **Annalisa Angelini, Italy**

Imaging of TGA with LVOTO, **Heynric Grotenhuis, Netherlands**

Prenatal assessment of systemic right ventricle, **Sally-Ann Clur, Netherlands**

Surgery of TGA with LVOTO, **Hitendu Dave, Switzerland**

ACHD of TGA with LVOTO, **Jaspal Dua, UK**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

11:30 - 13:00 HALL 4 (WICKLOW HALL 2B)

Genetic testing and implications for diagnosis and therapy?

Separate / WG: Genetics, Basic Science, Myocardial Disease

Chair: **Sabine Klaassen, Germany**

Co-chair: **Michael Ackerman, USA**

Co-chair: **Silvia Alvarez, Portugal**

Marfan syndrome, **Laura Muino Mosquera, Belgium**

Arrhythmogenic cardiomyopathy (ACM), **Juan Kaski, UK**

Congenital heart defects, **Terence Prendiville, Ireland**

Cardiac channelopathies, **Michael Ackerman, USA**

11:30 - 13:00 HALL 5 (WICKLOW HALL 2A)

Cardio-Oncology

Separate / WG: Sports Cardiology, Physical Activity and Prevention

Chair: **Sabine Kesting, Germany**

Co-chair: **Jochen Weil, Germany**

Cardiovascular risk factors in childhood cancer survivors, **Vesna Herceg- Cavrak, Croatia**

AEPC practical recommendations for surveillance and prevention of cardiac disease in

childhood cancer survivors: The importance of physical activity and lifestyle changes,

Jochen Weil, Germany

Physical activity interventions in pediatric cardio-oncology, **Sabine Kesting, Germany**

Role of exercise stress echocardiography in the follow-up of hematological patients with history of cardiac dysfunction, **Ugo Giordano, Italy**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

11:30 - 13:00 HALL 6 (WICKLOW HALL 1)

AS01 - Cardiac Dysrhythmias and Electrophysiology

Chairs: **Fabrizio Drago & Mark Walsh**

- O-01 Appropriate therapy for implantable cardioverter defibrillators used as primary versus secondary prophylaxis: A Danish pediatric population, **Jani Thuraiayah, Denmark**
- O-02 Myocardial work in ventricular preexcitation, **Tereza Zmatlíková, Czech Republic**
- O-03 Ventricular arrhythmias in primary benign cardiac tumors in children: anatomical and histological predictors in a long term follow up, **Silvia Placidi, Italy**
- O-04 The clinical course of asymptomatic children with {RYR2}-mediated catecholaminergic polymorphic ventricular tachycardia, **Puck J. Peltenburg, Netherlands**
- O-05 Initial experience of left bundle branch pacing in paediatric patients. The future is here., **Ferran Roses Noguer, Spain**
- O-06 Molecular genetic testing in children and adolescents with inherited arrhythmia syndromes – results of the German multicenter COGIA study, **Lea Lippert, Germany**
- O-07 3d-electroanatomic mapping-guided conduction system pacing preserves electromechanical function in paediatric patients with atrioventricular block, **Massimo Stefano Silvetti, Italy**
- O-08 Initial Data From the International Prospective “Observational Study on Catheter Ablation in Pediatric Patients” (OSCA-PED), **Ulrich Krause, Germany**

11:30 - 13:00 HALL 7 (ECOCEM ROOM)

Knowledge translation/implementation of research in the clinical setting

Separate / WG: Nursing and Allied Health Professionals

Chair: **Sofi Andersson Stavridis, Sweden**

Co-chair: **Rebecca Reid, Northern Ireland**

Implementing new models of care within congenital heart disease – barriers and facilitators, **Markus Saarijärvi, Sweden**

Guidelines within congenital heart disease – are they implemented?,

Eva Goossens, Belgium

Implementation of Evidence-Informed Family Nursing Practices, **Imelda Coyne, Ireland**

We All Want Progress But Are Resistant to Change, **Gil Wernovsky, USA**

13:20 - 14:20 HALL 1 (LIFFEY A)

INDUSTRY SYMPOSIUM 1

Please check the INDUSTRY SYMPOSIA section for details.

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

13:20 - 14:20 HALL 2 (LIFFEY HALL 1)

INDUSTRY SYMPOSIUM 2

Please check the INDUSTRY SYMPOSIA section for details.

13:20 - 14:20 HALL 3 (LIFFEY HALL 2)

INDUSTRY SYMPOSIUM 3

Please check the INDUSTRY SYMPOSIA section for details.

13:00 - 14:00 HALL 5 (WICKLOW HALL 2A)

PULMONARY ATRESIA INTACT VENTRICULAR SEPTUM (PA/IVS)

Seperate / WG: Juniors Committee

Chair: **Enrico Piccinelli, Italy**

Co-Chair: **Andreas Tulzer, Austria**

Embryology and morphology of PA/IVS, **Agnieszka Grzyb, Poland**

Multimodality imaging in PA/IVS: One an half ventricle vs biventricular repair, **Skaiste Sendzikaite, Lithuania**

Interventional option in PA/IVS and the fate of ASD at follow-up, **Domenico Sirico, Italy**

Rhythm disturbances in PA/IVS, **Guilherme Lourenco, Portugal**

13:30 - 14:00 HALL 7 (ECOCEM ROOM)

NURSING INDUSTRY SYMPOSIUM 4

Please check the INDUSTRY SYMPOSIA section for details.

14:30 - 16:00 HALL 1 (LIFFEY A)

Congenitally corrected transposition - from fetal life to adulthood

Joint / WG: Cardiac Imaging & Adult Congenital Heart Disease

Chair: **Inga Voges, Germany**

Co-chair: **Werner Budts, Belgium**

Embryology and morphology of CCTGA, **Robert Anderson, UK**

How to image patients with CCTGA - multimodality or single imaging modality best?,

Giovanni DiSalvo, Italy

Childhood management - double switch or not worth the hassle?, **David Barron, Canada**

Adult management- when to intervene on the tricuspid valve and how?,

Alessandro Giamberti, Italy

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

14:30 - 16:00 HALL 2 (LIFFEY HALL 1)

Fontan: A Necessary Evil?

Separate / WG: Congenital Heart Surgery

Chair: **Hitendu Dave, Switzerland**

Co-chair: **Rodney Franklin, UK**

Fontan Candidate: What to look for?, **Brian McCrossan, Northern Ireland**

A good Fontan: Surgical Aspects, **Jonathan McGuinness, Ireland**

Optimizing Fontan: Catheter Intervention, **Marc Gewillig, Belgium**

Multimodality imaging Fontan circulation (incl 4D flow), **Arno Roest, The Netherlands**

The Failing Fontan, **Chris Lockhart, Northern Ireland**

14:30 - 16:00 HALL 3 (LIFFEY HALL 2)

Exercise in Fontan Circulation

JSPCCS-AEPC Joint Session

AEPC Chair: **Nico Blom, Netherlands**

JSPCCS Chair: **Hiroyuki Yamagishi, Japan**

Exercise and 'super' Fontan: cause or consequence, **Willem Helbing, Netherlands**

Excise limits: pulmonary vascular resistance or ventricular failure, **Tara Bharucha, UK**

New additional role of cardiopulmonary exercise test combined with other tools,

Shin Ono, Japan

Exercise habits and Fontan physiology in Japanese middle and high school children,

Yoshihiko Kodama, Japan

14:30 - 16:00 HALL 4 (WICKLOW HALL 2B)

Heart Failure Management through the cycle of life from fetal to ACHD

Separate / WG: Pulmonary hypertension, heart failure and transplantation

Chair: **Joseph Rossano, USA**

Co-chair: **Julie Wacker, Switzerland**

Bespoke Treatment Strategies for Prenatal and Infant Heart Failure,

Dietmar Schranz, Germany

Heart Failure in Paediatric population, Is management different in failing SV and DCM,

Damien Bonnet, France

Management of HFpEF, **Milind Chaudhari, UK**

Heart Failure in ACHD population, **Alexander Van De Bruaene, Belgium**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

14:30 - 16:00 HALL 5 (WICKLOW HALL 2A)

Morphological Session: Fontan hearts

Separate / WG: Cardiovascular Morphology

Chair: **Adam Kolesnik, Poland**

Co-chair: **Matthias Sigler, Germany**

History and types of Fontan operation, **Domenico Sirico, Italy**

Hearts and organs after Fontan completion, **Monique Jongbloed, Netherlands**

Hearts and organs after Fontan completion, **Annalisa Angelini, Italy**

14:30 - 16:00 HALL 6 (WICKLOW HALL 1)

AS02 - Fetal Cardiology

Chairs: **Taisto Sarkola & Eva Grohmann**

O-09 Use of pressure wires during fetal aortic valvuloplasty in fetuses with critical aortic stenosis, **Andreas Tulzer, Austria**

O-10 Haemodynamic effects of acute maternal hyperoxygenation in fetuses with suspected coarctation of the aorta, **Milou PM van Poppel, UK**

O-11 MRI nutmeg lung pattern as the useful diagnostic tool of the restrictive pulmonary venous return in fetuses with various congenital heart defects,

Monika Bekiesinska Figatowska, Poland

O-12 Prenatal diagnosis, pregnancy and postnatal outcomes in fetuses having redundant foramen ovale flap aneurysm associate with/without heart defects,

Balaganesh Karmegaraj, India

O-13 Single ventricle journey from fetus to first procedure. A United Kingdom multicentre experience, **Peter John Lillitos, UK**

O-14 Maternal Anti-Ro Antibody Levels are Strongly Associated with the Development of Immune-Mediated Fetal Heart Disease, **Edgar Jaeggi, Canada**

O-15 Prenatal diagnosis, associated findings, and early postnatal outcomes in fetuses with congenitally corrected transposition of the great arteries, **Maria Kavga, UK**

O-16 Early diagnosis of tuberous sclerosis complex is a prenatal diagnosis, **Monika Bekiesinska Figatowska, Poland**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

14:30 - 16:00 HALL 7 (ECOCEM ROOM)

AS03 - Nursing & Neurodevelopment and Psychosocial Care

Chairs : **Katya de Groot & Michele De Hosson**

O-17 Impact of Electric seizures and aEEG background pattern during cardiac surgery, **Marta Camprubí Camprubí, Spain**

O-18 My transition, my care: providing individualised congenital heart disease transition care., **Danielle Poole, UK**

O-19 Psychological quality of life in mothers of children with congenital heart disease: A longitudinal study from hospital discharge to adolescence, **Melanie Ehrler, Switzerland**

O-20 Impact of postoperative necrotizing enterocolitis on neurodevelopmental outcome – The Swiss Neurodevelopmental Outcome Registry for Children with CHD, **Walter Knirsch, Switzerland**

O-21 Hippocampal subfield alterations and working memory in children with congenital heart disease, **Beatrice Latal, Switzerland**

O-22 Facilitators and barriers for continued follow-up care after transfer – from a healthcare provider's perspective, **Sandra Skogby, Sweden**

O-23 Optimizing transfer to adult care for young people with congenital heart disease, **Birgitte Lykkeberg, Denmark**

O-24 Sustained effects of cardiac rehabilitation on the exercise function, quality of life and self-esteem of patients with complex congenital heart diseases, **Ana Clara Félix, Portugal**

16:30 - 18:00 HALL 1 (LIFFEY A)

Cardiovascular risk management in the childhood obesity epidemic - what can the pediatric cardiologist do?

Separate / WG: Sports cardiology, physical activity and prevention

Chair: **Annette Wacker Gussmann, Germany**

Co-chair: **Felicia Nordenstam, Sweden**

Obesity and physical activity in patients with congenital heart disease - role of prevention in clinical pediatric cardiology practice, **Constance Weismann, Germany**

Arterial characteristics and cardiovascular risk factors in obese children and adolescents, **Henk Schipper, The Netherlands**

Inpatient vs outpatient rehabilitation programs for pediatric obesity, **Nicola Stöcker, Germany**

What can we learn from adults: cardiovascular risk profile following successful weight loss, **Donal O'Shea, Ireland**

Healthy families in healthy cities- cardiovascular risk prevention in urban areas, **Peter Fritsch, Austria**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

16:30 - 18:00 HALL 2 (LIFFEY HALL 1)

Complete AVSD: The Monster in the room

Joint / WG: Congenital Heart Surgery & EACTS

Chair: **Mark Hazekamp, Netherlands**

Co-chair: **Louise Morrison, Northern Ireland**

Complete AVSD: Diagnosis & Management before complete repair, **Andrew Sands, Northern Ireland**

Balanced Complete AVSD: Surgical Techniques, **Lars Nolke, Ireland**

Residual Lesions: Indications for Intervention, **Adam James, Ireland**

Reoperation after Complete AVSD repair, **Conal Austin, UK**

16:30 - 18:00 HALL 3 (LIFFEY HALL 2)

Transcatheter Ablation in Children with and without CHD: What's new?

Separate / WG: Cardiac dysrhythmias and electrophysiology

Chair: **Jan Janousek, Czech Republic**

Co-chair: **Fabrizio Drago, Italy**

Co-chair: **Jeffrey J Kim, USA**

New ablation strategies to reduce catheters and fluoroscopy, **Thomas Kriebel, Germany**

What energy, now and in the future, in the different substrates : RF, PFA, HPSD, Cryo, Laser?, **Maria Mszczak-Knecht, Poland**

Complex Arrhythmia Mapping in CHD : CT / CMR merge, ICE, HD mapping... what do we need to increase success rate?, **Edward Walsh, USA**

Difficult ablations in the structurally normal heart: how to ablate complex and unusual APs and difficult AVNRT, **Jeffrey J Kim, USA**

Complex ablations in palliated CHD with in inaccessible heart chambers: how do we get there and what should we do?, **Roman Gebauer, Germany**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

16:30 - 18:00 HALL 4 (WICKLOW HALL 2B)

MP01

Chairs: **Heynric Grotenhuis & Domenico Sirico**

P-096 3D MRA with image-based navigation for highly-efficient imaging in patients with Congenital Heart Disease- Single center study, **Anastasia Fotaki, UK**

P-099 Hypoplastic left heart syndrome has asymmetric leaflet expansion and increased tenting volume of the tricuspid valve: A prospective 3DE study,

Martha Maria Moran, Canada

P-118 The neonatal QRS complex and its association with left ventricular mass,

Julie Molin, Denmark

P-125 The prognostic role of systolic longitudinal strain in congenital heart disease with systemic right ventricle: a systematic review and meta-analysis, **Dan M. Dorobantu, UK**

P-147 Newly High-Frame Rate Blood Speckle Tracking Echocardiography For New Insights of Aortic Flow Pattern in Children, **Massimiliano Cantinotti, Italy**

P-165 Hemodynamics in children with partial anomalous pulmonary venous return and atrial septal defect using 4D-flow MRI, **Fraser Maurice Callaghan, Switzerland**

P-167 Intracavitary blood flow dynamics in the systemic right ventricle: a 4D-Flow MRI study, **Giulia Pasqualin, Italy**

P-171 Association Between Arterial Stiffness of the Common Carotid Artery and Left Ventricular Function in Children, Adolescents and Young Adults, **Franziska Sciuk, Germany**

P-172 Regional Elevation of Liver T1 in Fontan-Associated Liver Disease,

Edythe Tham, Canada

P-176 Early left atrial dysfunction by strain echocardiography in Duchenne Muscular dystrophy, **Jarosl w Meyer Szary, Poland**

P-502 Comparison of hemodynamic parameters and pulmonary artery dimension in single ventricle patients with and without closure of veno-venous collaterals,

Alessia Callegari, Switzerland

P-518 Interventional Extracardiac Fontan - Technique, feasibility, immediate results and short term follow up - a case series, **Prakash Ramachandra, India**

P-462 Multicenter experience with Optimus balloon-expandable cobalt-chromium stents in congenital heart disease interventions, **Raymond N. Haddad, France**

P-478 Transcatheter pulmonary valve replacement after RVOT reconstruction with a composite porcine valved conduit of bovine pericardium, **Jan Hinnerk Hansen, Germany**

P-508 Results of perventricular device closure of ventricular septal defects in children without cardiopulmonary bypass., **Shravan Kanaparthi, India**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

THURSDAY, APRIL 27, 2023

16:30 - 18:00 HALL 5 (WICKLOW HALL 2A)

Advanced imaging in fetal CHD- what is new?

Joint / WG: Cardiac Imaging & Fetal cardiology

Chair: **Owen Miller, UK**

Co-chair: **Margarita Bartsota, UK**

Maternal hyperoxia testing - established and new uses, **Katrin Fricke, Sweden**

Fetal MRI brain imaging in CHD, **Mike Seed, Canada**

Fetal cardiac MRI - can we see the intracardiac structures, **Kuberan Pushparajah, UK**

3d fetal echo - uses in clinical practise, **Ulrike Herberg, Germany**

16:30 - 18:00 HALL 6 (WICKLOW HALL 1)

AS04 - Genetics, Basic Science and Myocardial Disease

Chairs: **Juan Kaski & Sergio Laranjo**

O-25 Left ventricular non-compaction in childhood: echocardiographic follow-up and prevalence in first-degree relatives, **Thilde Olivia Kock, Denmark**

O-26 Hypoxia-Inducible Factor-1 signaling contributes to disease pathogenesis in sarcomeric hypertrophic cardiomyopathy, **Sarala Raj Murthi, Germany**

O-27 Cardiovascular screening in cutis laxa syndromes, **Ilse Meerschaut, Belgium**

O-28 Natural history and predictors of mortality and arrhythmic events in children with RASopathy-associated hypertrophic cardiomyopathy, **Olga Dimitra Boleti, UK**

O-29 Clinical course of rhabdomyomas in tuberous sclerosis complex - 16-years single centre experience, **Ivana Cerovic, Serbia**

O-30 Impact of genotype on aortic disease progression in patients with Marfan syndrome and Loays-Dietz syndrome, **Aitor Guitarte Vidaurre, France**

O-31 Childhood-onset lamin A/C cardiomyopathy, **Marit Kristine Smedsrud, Norway**

O-32 Analysis of the mutational spectrum and diagnostic yield in a cohort of patients referred for study of hypertrophic cardiomyopathy, **Ivonne Johana Cárdenas Reyes, Spain**

16:30 - 18:00 HALL 7 (ECOCEM ROOM)

Educational activity

Separate / WG: Nursing & Allied Health Professionals

Chair: **Michele de Hosson, Belgium**

Co-chair: **Gaby Stoffel, Switzerland**

How to write a successful abstract, **Imelda Coyne, Ireland**

How to present my results - oral presentation, **Eva Goossens, Belgium**

How to present my results - poster presentation, **Ewa Lena Bratt, Sweden**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

09:00 - 10:30 HALL 1 (LIFFEY A)

Ebstein anomaly - a paradigm shift in management over last decade (In Honour Prof. Marc deLeval)

Joint / WG: Cardiac Imaging & Congenital Heart Surgery

Chair: **David Barron, Canada**

Co-chair: **Jan Marek, UK**

Co-chair: **Marina Hughes, UK**

Morphological considerations in Ebstein anomaly, **Lucile Houyel, France**

Antenatal and postnatal imaging of the patient with Ebsteins anomaly, **Jan Marek, UK**

Ebstein malformation of the tricuspid valve: watchful waiting is preferred,

David Barron, Canada

Ebstein malformation of the tricuspid valve: surgical intervention, the sooner the better,

Viktor Tsang, UK

09:00 - 10:30 HALL 2 (LIFFEY HALL 1)

Sport in Pediatric Patients with Arrhythmia or ECG Anomalies

Joint / WG: Cardiac dysrhythmias and electrophysiology & Sports cardiology, physical activity and prevention

Chair: **Peter Fritsch, Austria**

Co-chair: **Alice Maltret, France**

The problem of sports eligibility in paediatric patients with arrhythmias: are current guidelines enough to make a decision?, **Graham Stuart, UK**

PVCs in the normal heart: how to evaluate them in order to decide on sport eligibility?,

Laszlo Kornyei, Hungary

Non-specific repolarization anomalies: what is the correct protocol for sports eligibility?,

Ugo Giordano, Italy

Channelopathies: do these patients have the opportunity to play competitive sports?,

Nico Blom, The Netherlands

Helping our athletes reach their goals safely – can we learn something from the FIFA World cup 2022 sports cardiology set up., **Guido Pieles, UK**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

09:00 - 10:30 HALL 3 (LIFFEY HALL 2)

Young Investigator Award

Chair: **Katarina Hanseus, Sweden**

Japanese Chair: **Hiroyuki Yamagishi, Japan**

O-33 Human cardiosphere-derived cells with activated mitochondria for better myocardial regenerative therapy, **Masahiro Shiraishi, Japan**

O-34 Utility of the single ventricular stroke work index for predicting the prognosis of patients with functional single-ventricle physiology, **Rumi Watanabe, Japan**

O-35 The Impact of the Obesity on the Fontan Hemodynamics during Transition to the Adult, **Makoto Kudo, Japan**

O-36 Retrospective Review of M3C-Necker Experience with Transcatheter Management of Coronary Artery Fistulas, **Raymond N Haddad, France**

O-37 Atrial flow regulator device in children and in patients with Congenital Heart Disease: an International Registry, **Enrico Piccinelli, Italy**

O-38 Transcatheter Balloon Dilation of Pulmonary Artery Band outcomes: A Multi-centre Study, **Precylia Philo Fernande, UK**

09:00 - 10:30 HALL 4 (WICKLOW HALL 2B)

PDA closure

Separate / WG: Interventional Cardiology

Chair: **Damien Kenny, Ireland**

Co-chair: **Alban Baruteau, France**

Premmies- does the ductus really cause problems?, **Tim Hundscheid, Netherlands**

Ex-Premmies - if we have to close the duct later, how does this differ from other children?, **Gareth Morgan, USA**

Different devices for premmies (Piccolo, Micro-plug), **Ina Michel-Behnke, Austria**

The other end of the spectrum- does it make sense to close a duct in geriatrics?, **Phillip Roberts, Ireland**

09:00 - 10:30 HALL 5 (WICKLOW HALL 2A)

Anticoagulation in Pediatric Cardiology

Separate / WG: Task Force on Clinical Drug Trials

Chair: **Michal Odermarsky, Sweden**

Co-Chair: **Willem Helbing, The Netherlands**

New drugs for anticoagulation in children, **Christoph Male, Austria**

Anticoagulation in general Pediatric Cardiology, **Damien Bonnet, France**

Anticoagulation for valves, shunts and conduits, **Thierry Bové, Belgium**

Anticoagulation during and post catheter interventions, **Nikolaus Haas, Germany**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

09:00 - 10:30 HALL 6 (WICKLOW HALL 1)

Lifespan Perspective on Congenital Heart Disease

Canadian Society Joint Session

AEPC Chair: **Werner Budts, Belgium**

CPCA Chair: **Luc Mertens, Canada**

Lifespan perspective on Congenital Heart Disease- current research,

Conall Morgan, Canada

Towards a Canadian National Strategy- Introduction to a Strategic Approach,

Patrice Lindsay, Canada

Strategic priorities for a Lifespan Perspective on Congenital Heart Disease- A Canadian Perspective, **Luc Mertens, Canada**

Strategic priorities for a Lifespan Perspective on Congenital Heart Disease: the patient perspective, **Eva Goossens, Belgium**

09:00 - 10:30 HALL 7 (ECOCEM ROOM)

Social media – impact on care within congenital heart disease,

Separate / WG: Nursing & Allied Health Professionals

Chair: **Lynda Shaughnessy, UK**

Co-chair: **Niamh Maguire, Ireland**

Social media and its impact on care – from the health care providers perspective,

Jemma Blake & Helen Walker, UK

Social media and its impact on care – from the patient/parent/family's perspective,

Jan Lane Martin & Linzi Graham

Peers support in youth with congenital heart disease using social media/eHealth,

Edward Callus, Italy

Experiences of congenital heart disease and treatment - what have we learned from patients and parents using online discussion forums?, **Jo Wray, UK**

11:00 - 11:30 HALL 1 (LIFFEY A)

HAUSDORF LECTURE

Innovations in Pediatric/congenital Interventional Cardiology

Chair: **Regina Bokenkamp, Netherlands**

Keynote: **Ziyad Hijazi, Qatar**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

11:30 - 13:00 HALL 1 (LIFFEY A)

AS05 - Cardiac Imaging

Chairs: **Francesca Raimondi & Inga Voges**

O-39 Ventricular Performance in patients with Transposition of the Great Arteries after Arterial Switch Operation at mid-term follow-up Covadonga, **Terol Espinosa De Los Monteros, Netherlands**

O-40 Role of Stress Perfusion in Cardiac Magnetic Resonance Imaging in Paediatric patients, **Palak Gupta, UK**

O-41 More than 25 years experience in diagnosis and treatment of newborns with Pulmonary Atresia with Intact Ventricular Septum, **Giulia Tuo, Italy**

O-42 Ebstein's Valve Rotation Angle: a quantitative index of anatomical severity and clinical risk in Ebstein's Anomaly, **Giulia Pasqualin, Italy**

O-43 Double aortic arch: a comparison of fetal CMR, postnatal CT and surgical findings, **Milou PM van Poppel, UK**

O-44 Cardiac Magnetic Resonance Imaging 6 months after the onset of PIMS-TS - a retrospective follow-up study, **Thomas Karas, Austria**

O-45 Advanced echocardiographic and CMR features of patients with repaired Tetralogy of Fallot in the long-term follow-up, **Anna Gozzi, Italy**

O-46 Predictive factors of left ventricular dysfunction after pulmonary valve balloon dilation in neonates with critical pulmonary stenosis, **Patrizio Moras, Italy**

11:30 - 13:00 HALL 2 (LIFFEY HALL 1)

AS06 - Congenital Heart Surgery

Chairs: **Hitendu Dave & Giamberti Alessandro**

O-47 Impact of Cardiopulmonary Bypass on Cerebrovascular Autoregulation Assessed by Ultrafast Ultrasound Imaging, **Julien Aguet, Canada**

O-48 A new method of aortic root harvesting in complex transposition of the great artery with pulmonary stenosis and coronary arteries anomaly, **Tornike Sologashvili, Switzerland**

O-49 Ukrainian 25 years experience of Ross procedure, **Yuliia Klymyshyn, Ukraine**

O-50 Truncus Arteriosus Repair at the Red Cross War Memorial Hospital, Cape Town, South Africa: A 20-year review of surgical practice and outcomes, **Allen Moodley, South Africa**

O-51 Arterial switch for transposition of the great arteries with intact ventricular septum: findings from linked national datasets on 17 years of practice, **Ferran Espuny Pujol, UK**

O-52 Two year clinical, functional and histological outcome of a tissue engineered valvular pulmonary conduit evaluated in a chronic growing animal model,

Walter Knirsch, Switzerland

O-53 Delayed Sternal Closure following Complex Cardiac Surgery in Neonates, **Amr Ashry, UK**

O-54 Management of congenitally corrected transposition of the great arteries: a 25-year single center experience, **Irene M. Kuipers, Netherlands**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

11:30 - 13:00 HALL 3 (LIFFEY HALL 2)

AS07 - Interventional Cardiology

Chairs: **Thomas Krasemann & Domenico Sirico**

O-55 Transcatheter Interventions In Children With Functionally Univentricular Heart Disease: A 21 Year Single Centre Experience, **Richard Parry, UK**

O-56 Right Ventricular Remodelling after Covered Stent Correction of Sinus Venosus ASDs, **San Fui Yong, UK**

O-57 Device closure of ventricular septal defect using multifunctional VSD occluder-medium-term results with special reference to complications, **Masood Sadiq, Pakistan**

O-58 Prediction model to estimate the predicted probability of LPA stenting after BDCPC in in single ventricle patients: our first experience, **Alessia Callegari, Switzerland**

O-59 Mid-term Outcomes of Secundum ASD Closure with the GORE® CARDIOFORM ASD Occluder - Results for the Combined Cohorts in the GORE ASSURED Clinical Trial, **Athar M Qureshi, UK**

O-60 Safety and efficacy of transcatheter closure of persistent ductus arteriosus in 2 to 6 Kg infants: an international study, **Paul Padovani, France**

O-61 Early and mid-term results of transcatheter PDA closure in extremely-low-birth-weight patient: A nationwide prospective series, **Sophie Guiti Malekzadeh Milani, France**

O-62 Transcatheter PDA closure in preterm infants weighing less than 1.5kg, **Alison Howell, Canada**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

11:30 - 13:00 HALL 4 (WICKLOW HALL 2B)

MP02

Chairs: **Mark Walsh & Vibeke Hjortdal & Rodney Franklin**

P-091 Comparing predictive power of PRIMACY, HCMRisk-Kids and ESC HCM risk-calculator in assessing risk for sudden cardiac death, **Ingegerd Östman Smith, Sweden**

P-046 Conduction system pacing guided by 3D mapping in paediatric patients with congenitally corrected transposition of the great arteries, **Carla Favoccia, Italy**

P-074 Neurologic Manifestations in Children with Congenital Arrhythmia Syndromes Subanalysis of the German COGIA Study, **Fridrike Stute, Germany**

P-057 ECG screening: is time to routinely introduce it in apparently healthy schoolchildren?, **Stella Maiolo, Italy**

P-062 Heart and beyond the heart: clinical spectrum of CACNA1C variants, literature revision, **Anwar Baban, Italy**

P-073 "I have a dream": zero or near-zero X-ray pacemaker implantation in paediatric patients., **Massimo Stefano Silvetti, Italy**

P-076 Surpassing the complex substrate of accessory pathways ablation in Ebstein Anomaly, **Sérgio Matoso Laranjo, Portugal**

P-209 Pre-Glenn lymphatic abnormalities on MRI in single-ventricle congenital heart defects, **Rasmus Kristensen, Denmark**

P-227 Extracorporeal Membrane Oxygenation in Postcardiotomy Pediatric Patients: 18 Years of Experience, **Bunty Ramchandani, Spain**

P-198 Long-term follow-up of atrioventricular valve function in Fontan patients, **Thierry Bové, France**

P-242 Technique of Deferring Decannulation in Pediatric ECMO - 10 years of experience, **Inigo Velasco, Spain**

P-200 Outcomes after Ross procedure with pulmonary autograft reinforcement using reimplantation technique, **Lisa Guirgis, France**

P-250 Management of percutaneous pulmonary valve endocarditis: a multidisciplinary approach, **Micol Rebonato, Italy**

P-260 Probability of Truncal Valve Replacement within 30 years after the correction, **Václav Chaloupecký Jr., Czech Republic**

P-186 Univentricular heart in human heterotaxy syndrome: an anatomic study, **Lucile Houyel, France**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

11:30 - 13:00 HALL 5 (WICKLOW HALL 2A)

AS08 - Pulmonary hypertension, heart failure and transplantation

Chairs: **Colin McMahon & Barbara Pinho Cardoso**

O-63 Remote Ischaemic Preconditioning in Paediatric Cancer Patients Receiving Anthracycline Therapy: A Double-Blinded Randomized Trial, **Y F Cheung, Hong Kong**

O-64 The utility of speckle tracking imaging to predict short and mid-term outcomes after reverse Potts shunt in patients with Idiopathic PAH, **Shatabdi Giri, India**

O-65 Rejection surveillance with cell-free DNA using droplet digital PCR: a Swedish national study, **Jens Böhmer, Sweden**

O-66 Survival of children and adolescents with pulmonary arterial hypertension. Data from the BNP-PL registry - PAH children, **Joanna Kwiatkowska, Poland**

O-67 Risk factors for pulmonary hypertension in preterm infants with bronchopulmonary dysplasia, **Anne C Kesting, Germany**

O-68 Immunological Risks for Post-Transplant Lymphoproliferative Disease: The Immunology of Thymectomy and Childhood Cardiac Transplant (ITHACA) study, **Ugonna T Offor, UK**

O-69 Pharmacokinetics and safety of selexipag in children with pulmonary arterial hypertension: A prospective open-label, single-arm, ongoing Phase 2 study, **Maurice Beghetti, Switzerland**

O-70 Pediatric heart transplantation in Spain after circulatory determination of death and in situ normothermic regional perfusion, **Luis Garcia Guereta, Spain**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

11:30 - 13:00 HALL 6 (WICKLOW HALL 1)

MP03

Chairs: **Lynda Shaughnessy & Sally Ann Clur**

P-296 Maternal Hyperoxygenation Test to Predict Postnatal Urgent Interventions, **Maria C Escobar Díaz, Spain**

P-299 Anusual fetal case of suspected PAPVD with LPA sling – added value of fetal cardiac MRI, **Mari Nieves Velasco Forte, UK**

P-312 Early fetal cardiovascular adaptation to an artificial placenta in a sheep model. Initial approach to extrauterine support for extreme prematurity, **Eduard Gratacos, Spain**

P-331 Association of Sex and Age with Presentation and Outcomes of Kawasaki Disease Versus Multisystem Inflammatory Syndrome in Children, **Nagib Dahdah, Canada**

P-395 Current Clinical Profile of Acute Rheumatic fever and Rheumatic Recurrence in Pakistan, **Noor Masood Sadiq, Pakistan**

P-400 Experimental Model of Cardiopulmonary Bypass and Cardiac Arrest in Neonatal Piglets, **Madeleine Ball, Spain**

P-555 The psychological impact of the diagnostic pathway for inherited cardiac conditions in children and adolescents: a systematic review of the literature, **Amanda Potterton, UK**

P-556 What adolescents with congenital heart disease want to know about their heart disease and health including sexual health and contraception, **Åsa Burström, Sweden**

P-547 Impact of a child with congenital heart defect on mother's quality of life – is there any improvement after surgical correction of the heart defect?,

Lacramioara Eliza Chiperi, Romania

P-275 Evaluation of a national virtual heart camp using novel educational strategies for children with a Fontan circulation, **Carolina Andrea Escudero, Canada**

P-274 Leveraging technology for the assessment and monitoring of fragile infants with complex congenital heart disease in the community, **Kerry Louise Gaskin, UK**

P-524 Profiles of EEG background and discharge abnormalities in children undergoing cardiac surgery, **Jia Li, China**

11:30 - 13:00 HALL 7 (ECOCEM ROOM)

FLORENCE NIGHTINGALE LECTURE

Nursing Research Journey: Brain Structure and Function in Adolescents with Fontan Circulation

Chair: **Eva Goossens, Belgium**

Speaker: **Nancy Pike, USA**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

13:20 - 14:20 HALL 1 (LIFFEY A)

INDUSTRY SYMPOSIUM 5

Please check the INDUSTRY SYMPOSIA section for details.

13:20 - 14:20 HALL 4 (WICKLOW HALL 2B)

Junior interventionalists meet seniors

13:20 - 14:20 HALL 5 (WICKLOW HALL 2A)

Live Catheterisation Cases

14:30 - 16:00 HALL 1 (LIFFEY A)

Antenatal diagnosis and urgent postnatal interventions

Joint / WG: Interventional Cardiology & Fetal cardiology

Chair: **Gerald Tulzer, Austria**

Co-chair: **Wayne Tworetzky, USA**

How does the fetal cardiologist judge the urgency of postnatal interventions?,

David Lloyd, UK

How do we plan an urgent postnatal intervention? How to prepare the patient and the

parents?, **Ingrid van Beynum, The Netherlands**

Rapid Cases, **Gauri Nepali & Elena Cuppini & Andreas Tulzer**

Pro-con: The sun should not go down over a critical aortic stenosis of the newborn,

Eva Grohmann, Austria & Thomas Krasemann, Netherlands

Differences in management of neonates with or without antenatal diagnosis- my personal experience, **Kevin Walsch, Ireland**

14:30 - 16:00 HALL 2 (LIFFEY HALL 1)

Surgical and catheter approach to single ventricle

Joint / WG: Adult Congenital Heart Disease & Congenital Heart Surgery

Chair: **Jaspal Dua, UK**

Co-chair: **Hitendu Dave, UK**

Co-chair: **Phillip Roberts, Ireland**

Systemic atrio-ventricular valve failure in the univentricle: pro pharmacotherapy,

Hannes Sallmon, Germany

Systemic atrio-ventricular valve failure in the univentricle: pro surgery,

Federica Caldarone, Italy

Transcatheter completion of Hrasaka, **Jonathan Rome, USA**

How close are we to transcatheter completion of Fontan?, **Athar Qureshi, USA**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

14:30 - 16:00 HALL 3 (LIFFEY HALL 2)

Building Networks and Cardiac Centres of Excellence

Chairs: **Jeffrey Jacobs, USA & Colin McMahon, Ireland**

Lessons Learned Over An Academic Career, **Andrew Redington, USA**

The All Island CHD Network - a model for collaboration between different countries,
Frank Casey, Northern Ireland

Building a Centre of Academic Excellence, **Daniel Penny, USA**

Building Excellence With Limited Resources: the Amrita Institute in Kerala Experience,
K. Krishna Kumar, India

14:30 - 16:00 HALL 4 (WICKLOW HALL 2B)

Education in Congenital Heart Disease

Separate / WG: Education Committee

Chair: **Skaiste Sendzikaite, Lithuania**

Co-chair: **Olli Pitkainen, Finland**

Standardisation and key competencies in training congenital cardiologists,
Ornella Milanesi, Italy

Training the trainers, **Ruth Heying, Belgium**

Simulation in training of cardiology fellows/trainees, **Dimpna Albert Brotons, Saudi Arabia**

How to write a grant, **Inga Voges, Germany**

How to write a paper, **Karolis Azukaitis, Lithuania**

14:30 - 16:00 HALL 5 (WICKLOW HALL 2A)

ECG Quiz

Chairs: **Juha-Matti Happonen & Joachim Hebe**

14:30 - 16:00 HALL 7 (ECOCEM ROOM)

Advanced Care Planning and Palliative Care

Joint / WG: Neurodevelopment and Psychosocial Care & Pulmonary hypertension, heart failure and transplantation

Chair: **Edward Callus, Italy**

Co-chair: **Zdenka Reinhardt, UK**

In the pre- and neonatal period, **Katya De Groote, Belgium**

In childhood, **Eva Bergsträssler, Switzerland**

In adult life, **Corina Thomet, Switzerland**

The taboo of palliative care: panel discussion with the audience

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

16:30 - 18:00 HALL 1 (LIFFEY A)

Introduction of cardiac devices

Joint / WG: Task Force on Clinical Drug Trials & Interventional Cardiology

Chair: **Daniel de Wolf, Belgium**

Co-chair: **Regina Bökenkamp, The Netherlands**

Device approval: how it was and how it should be ideally: interventionalist's point of view, **Shakeel Qureshi, UK**

Device approval: how it was and how it should be ideally: surgeon's point of view, **Mark Hazekamp, The Netherlands**

Device approval: how it was and how it should be ideally: manufacturer's point of view, **Allen Tower Jr, USA**

Device approval: how it was and how it should be ideally: regulatory point of view, **Tom Melvin, Ireland**

16:30 - 18:00 HALL 2 (LIFFEY HALL 1)

Heart Transplant and VAD in ACHD- dream versus reality

Joint / WG: Pulmonary hypertension, heart failure and transplantation & Adult Congenital Heart Disease & Congenital Heart Surgery

Chair: **Jaspal Dua, UK**

Co-chair: **Hannes Sallmon, Germany**

Acute and durable mechanical circulatory support as a salvage in failing circulation in ACHD patient, **Fabrizio De-Rita, UK**

Complex ACHD patients: technical and organizational challenges, **Edward Hickey, USA**

Debate: Heart alone Transplant in Fontan Patient, **Lucy Roche, Canada**

Debate: Heart and Liver Transplant in Fontan patient, **Justyna Rybicka, UK**

16:30 - 18:00 HALL 3 (LIFFEY HALL 2)

Abnormalities of systemic venous return

Joint / WG: Cardiovascular Morphology & Imaging, Interventional, Fetal

Chair: **Grazyna Brzezinska-Rajszyk, Poland**

Co-chair: **Anna Seale, UK**

Development and morphology of abnormal systemic venous return,

Adam Kolesnik, Poland

Fetal echocardiography of systemic venous return, **Orla Franklin, Ireland**

Imaging of abnormal systemic venous return, **Christian Meierhofer, Germany**

Interventions in abnormalities of systemic venous return, **James Bentham, UK**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

16:30 - 18:00 HALL 4 (WICKLOW HALL 2B)

MP04

Chairs: **Georgia Sarquella-Brugada & Renate Oberhoffer-Fritz**

P-436 Acute myocarditis in children in the SARS-Cov2 pandemia area,
Sylvie Di Filippo, France

P-431 Sudden Cardiac Death in RASopathy-associated Hypertrophic Cardiomyopathy: validation of HCM Risk-Kids model and predictors of event, **Olga Dimitra Boleti, UK**

P-429 Pharmacological reduction of oxidative stress counteracts cardiac dysfunction in a murine model of dystrophic cardiomyopathy, **Irene Cattapan, Italy**

P-598 Mid-term results of a nationwide paediatric heart transplantation programme, **Karel Koubský, Czech Republic**

P-595 Mobility and Freedom of Movement: a Novel Out-of-Hospital Treatment for Children with Terminal Cardiac Insufficiency and a Ventricular Assist Device,
Kathrin Rottermann, Germany

P-630 The Unintended Consequence: Obesity in Children Following a Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy, **Alison Howell, Canada**

P-640 Exercise Capacity, Endothelial Function, Muscle Mass and Strength in Pediatric Fontan Patients, **Tania Davila, USA**

P-652 Cardiopulmonary screening after SARS-CoV-2 infection in children and adolescents returning to sports: a retrospective analysis, **Maximilian Dettenhofer, Germany**

P-585 Cor triatriatum sinistrum in an adolescent presenting as fulminant cardiogenic shock and resuscitated with extracorporeal membrane oxygenation (ECMO),
Swathy Subhash, UK

P-021 Shared Decision-Making in Decisionally-Impaired Adults. Considerations for the Congenital Heart Provider, **David Fernandez, Canada**

P-003 Factors that may influence symptoms during pregnancy in women with congenital heart disease - data from the Swedish birth registry, **Malin Berghammer, Sweden**

16:30 - 18:00 HALL 5 (WICKLOW HALL 2A)

AS09 - Adult Congenital Heart Disease

Chairs: **Paolo Ferrero & Pier Bassareo**

O-71 Gut dysbiosis in patients with Fontan circulation, **Hideo Ohuchi, Japan**

O-72 LIVER LIFE - Liver Stiffness affected threw food Intake by Fontan-Patients, teens and adults, determined with Elastography, **Richard Mühlberg, Germany**

O-73 Should Venovenous Collaterals be closed in Fontan patients?, **Shin Ono, Japan**

O-74 Development and validation of a deep learning algorithm for cardiac MR image quantification in patients with tetralogy of Fallot, **Alexander Van De Bruaene, Belgium**

O-75 Percutaneous edge-to-edge tricuspid repair in patients with systemic right ventricle: A French multicenter cohort study, **Xavier Iriart, France**

O-76 Prognostic value of blood biomarker - hs-TnT, NT-proBNP and CRP - for event free survival in adults with congenital heart disease, **Laura Willinger, Germany**

O-77 Outcomes and prognostic factors of congenitally corrected transposition of great vessels in children, **Sylvie Di Filippo, France**

O-78 The risk of premature atherosclerosis in survivors of childhood cancer: a nested case-control study from the PCS2 cohort, **Jonathan P Wong, Canada**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

FRIDAY, APRIL 28, 2023

16:30 - 18:00 HALL 6 (WICKLOW HALL 1)

Fetal LQTS

Separate / WG: Fetal Cardiology

Chair: **Wayne Tworetzky, USA**

Co-chair: **Alexander Kovacevic, Germany**

Diagnosis of fetal brady arrhythmia AV-block vs LQTS vs other, **Ulrike Herberg, Germany**

Diagnosis and management of fetal LQT syndrome, **Sally-Ann Clur, UK**

Diagnosis of brady fetal arrhythmias with magnetocardiography,

Annette Wacker-Gussmann, Germany

Genetics/family screening – Prenatal vs neonatal, **Tessa Homfrey, UK**

16:30 - 18:00 HALL 7 (ECOCEM ROOM)

AS10 - Cardiovascular Morphology & General Cardiology

Chairs: **Matthias Sigler & Agnieszka Grzyb & Brian Craig**

O-79 A Loss-of-Function Variant in INVS in Hypoplastic Left Heart Syndrome,

Maarab Mohammed Al Korashy, Saudi Arabia

O-80 Virtual reality volume rendering in assessment of ductus arteriosus anatomy in duct-dependent pulmonary circulation, **Nikola Topuzov, Poland**

O-81 Creation of a Neonatal Congenital Heart Digital Twin to Assist with Parent Recognition of Cardiac Compromise following Congenital Heart Surgery,

Michael E Kim, USA

O-82 Exploring the Gut Microbiota of Infants with Complex Congenital Heart Disease Undergoing Cardiopulmonary Bypass (the GuMiBear study), **Claire Magnier, Ireland**

O-83 Cardiac Rhabdomyomas Presenting With Critical Cardiac Obstruction In Neonates And Infants, **Li Yen Ng, Ireland**

O-84 Trying to define ascending aorta dilatation in paediatric patients with bicuspid aortic valve. Comparison of known nomograms and biometric parameters,

Andrea Freixa Benavente, Spain

O-85 The cardiovascular phenotype of teenagers after preterm birth,

Thomas Salaets, Belgium

O-86 Hypoplastic left heart syndrome: experience in our center after the implementation of a multidisciplinary care program, **Maria Clara Escobar Diaz, Spain**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

SATURDAY, APRIL 29, 2023

09:00 - 10:30 HALL 1 (LIFFEY A)

Borderline Left Heart: An unanswered conundrum

Separate / WG: Congenital Heart Surgery

Chair: **Federica Caldaroni, Italy**

Co-chair: **George Sarris, Greece**

Borderline Left Heart: Definition, **Massimo Cantinotti, Italy**

Prenatal and Early Postnatal Management, **Brian Grant, Northern Ireland**

Biventricular versus Univentricular repair, **Jose Fragata, Portugal**

Surgical options: Biventricular repair, **Mark Redmond, Ireland**

Innovative management of borderline ventricles, **Wayne Tworetsky, USA**

09:00 - 10:30 / HALL 2 (LIFFEY HALL 1)

Optimising donor and recipient for heart transplant

Separate / WG: Pulmonary hypertension, heart failure and transplantation

Chair: **Zdenka Reinhardt, UK**

Co-chair: **Barbara Pinho Cardoso, Portugal**

Optimising cardiac transplant recipient status, **Zdenka Reinhardt, UK**

LA Decompression and intervention on ECMO, **David Crossland, UK**

Arrhythmias and Heart failure cause or effect / management, **Mark Walsh, Ireland**

How to evaluate contraindications for heart transplantation? What degree of neurocognitive impairment is acceptable, **Jane Cassidy, UK**

09:00 - 10:30 / HALL 3 (LIFFEY HALL 2)

Morphological Session: Double outlet ventricles

Separate / WG: Cardiovascular Morphology

Chair: **Annalisa Angelini, Italy**

Co-chair: **Matthias Sigler, Germany**

The anatomy of double outlet ventricles, **Loucile Houyel, France**

3D modelling and 3D printing of double outlet ventricles, **Adam Kolesnik, Poland**

Surgical perspective of double outlet aspects, **Bart Meyns, Belgium**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

SATURDAY, APRIL 29, 2023

09:00 - 10:30 / HALL 4 (WICKLOW HALL 2B)

Cardiac MR as a clinical and clinical trial tool: Basics of MR imaging and CMR outcome markers in clinical trials in congenital heart disease

Joint / WG: Cardiac Imaging & Task Force on Clinical Drug Trials

Chair: **Heynric Grotenhuis, Netherlands**

Co-chair: **Daniel de Wolf, Belgium**

Basics of MRI everyone should know, **Gerald Greil, USA**

Clinical MRI evaluation of the Fallot patient and MR outcome markers for clinical trials, **Sylvia Krupickova, UK**

Clinical MRI evaluation of single ventricle patients and MR outcome markers for clinical trials, **Arno Roest, The Netherlands**

Combining MRI and biomarkers to prognosticate risk in CHD, **Willem Helbing, The Netherlands**

09:00 - 10:30 / HALL 5 (WICKLOW HALL 2A)

Physical activity and the impact on wellbeing of CHD patients

Joint / WG: Neurodevelopment and Psychosocial Care & Nurses and Allied Health Professionals & Sports cardiology, physical activity, prevention group

Chair: **Kristof Vandekerckhove, Belgium**

Co-chair: **Lynda Shayghnessy, UK**

Physical exercise and neurocognitive training on neuropsychological and QoL outcomes in CHD, **Johanna Calderon, France**

Designing an Intervention Program to increase exercise and activity in children with CHD, **Frank Casey, Northern Ireland**

How do we advise on participation in competitive sport in children with CHD, **Jan Sunnegardh, Sweden**

A National Comparative Investigation of Twins With Congenital Heart Defects for Neurodevelopmental Outcomes and Quality of Life (Same Same, but Different?), **Julia Remmele, Germany**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

SATURDAY, APRIL 29, 2023

09:00 – 10:30 / HALL 6 (WICKLOW HALL 1)

AS11 – Sports Cardiology, Physical Activity and Prevention

Chairs: **Doris Ehringer & Renate Oberhoffer**

O-87 Exercise capacity remains stable in Fontan patients entering adulthood,

Maren Emilie Hebeltoft Ravnda, Denmark

O-88 Leg-focused high-weight resistance training in children with a Fontan circulation,

Linda Elisabeth Scheffers, Netherlands

O-89 Energy Drinks: Do They Give the Pediatric Cardiovascular System Wings? – Results of the EDUCATE-Study, **Felix Sebastian Oberhoffer, Germany**

O-90 Early life predictors for blood pressure in healthy adolescents are not associated with enhanced carotid intima-media thickness (cIMT), **Isabelle Adrienne Van Der Linden, Netherlands**

O-91 Cutaneous Microcirculation in patients with congenital heart disease or Marfan syndrome, **Constance Weismann, Germany**

O-92 Stairway to heaven – Evaluation of cardiorespiratory fitness with a simple standardized stair climbing test in comparison to standard cardiopulmonary, **Simone Katrin Dold, Germany**

O-93 Aerobic fitness change with time in children with congenital heart disease: A controlled cohort study, **Pascal Amedro, France**

O-94 Anti-Coagulation with Warfarin for Paediatric Cardiac Indications: A National Review, **Stephen T. O'brien, Ireland**

09:00 – 10:30 / HALL 7 (ECOCEM ROOM)

AS12 – Paediatric Cardiovascular Intensive Care

Chairs: **Dimpna Calila Albert Brotons & Damien Schaffner & Daragh Finn**

O-95 Predicting cardiogenic shock in multisystem inflammatory syndrome in children, **Saïd Bichali, France**

O-96 Prevalence and Patterns of Antibiotic Treatment in Neonates with Critical Congenital Heart Defects, **Jessica A. Davis, USA**

O-97 Clinical Profile and Pre-operative Critical Care Needs of Children with TAPVC: A Retrospective Study from a Pediatric Cardiac Critical Care Unit, **Arun Kumar Baranwal, India**

O-98 Left atrial strain and duration of intensive care in children with congenital diaphragmatic hernia, **Katarina Övermo Tydén, Sweden**

O-99 Cardiac dysfunction requiring intensive care management in PIMS-TS and Covid 19 infection; Ireland's experience through the pandemic, **Nicola Mccay, Ireland**

O-100 Thrombogenic myocardial infarction in newborn, **Franziska Markel, Germany**

O-101 Clinical features and echocardiography of Multisystem Inflammatory Syndrome in children in the Republic of Ireland, April 2020 to October 2022., **Bryony Treston, Ireland**

O-102 Aspirin resistance in a cohort of paediatric patients with in-situ bio-prosthetic heart valves, **Sean T Kelleher, Ireland**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

SATURDAY, APRIL 29, 2023

11:00 - 12:30 / HALL 1 (LIFFEY A)

Successes and Failures in the cathlab

Separate / WG: Interventional Cardiology

Chair: **Sir Shakeel Qureshi, UK**

Partial Melody dilation with dislocation and removal through the sheath, **Sigitas Cesna, Lithuania**

A Rare Pulmonary Diagnosis in the hands of an Interventional Cardiologist: Success or Failure?, **Eimear McGovern, USA**

CTO in an 18 months old child post arterial switch, **Ingrid van Beynum, Netherlands**

A well managed wire perforation with adverse outcome, **Thomas Krasemann, Netherlands**

11:00 - 12:30 / HALL 2 (LIFFEY HALL 1)

Advanced hemodynamic analysis by 4D Flow MRI

Joint / WG: Cardiac Imaging & Society of Cardiovascular Magnetic Resonance, Pediatric and Congenital Heart Disease Section

Chair: **Emanuela Valsangiacomo Buechel, Switzerland**

Co-chair: **Heiner Latus, Germany**

4D flow consensus update: what's new, **Malenka Bissell, UK**

4D flow post processing: towards harmonization?, **Lamia Ait-Ali, Italy**

4D flow novel sequence design for clinical use, **Pim van Ooij, The Netherlands**

4D MRI for Fetal Imaging, **Kuberan Pushparajah, UK**

11:00 - 12:30 / HALL 3 (LIFFEY HALL 2)

Heart failure in adult congenital heart disease: an update

Separate / WG: Adult Congenital Heart Disease

Chair: **Margerita Brida, Croatia**

Co-chair: **Werner Budts, Belgium**

Right ventricular fibrosis, where does it come from and what does it mean?, **Paolo Ferrero, Italy**

The failing univentricle, how to deal with it?, **Louise Coats, UK**

Biomarkers in adult congenital heart disease, how to interpret?, **Robert M. Kauling, Netherlands**

Genetics and heart failure in adult congenital heart disease: is there a connection?, **Julie De Backer, Belgium**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

SATURDAY, APRIL 29, 2023

11:00 - 12:30 / HALL 4 (WICKLOW HALL 2B)

Newer Echocardiographic Techniques for Assessment of Congenital Heart Disease

Joint / WG: Cardiac Imaging & American Society of Echocardiography, PCHD Council

Chair: **Carolyn Altman, USA**

Co-chair: **Massimiliano Cantinotti, Italy**

Morphology of aortic valve and causes regurgitation, **Piers Barker, USA**

Echocardiographic quantification of aortic regurgitation in children, **Tara Bharucha, UK**

Advances and limitations in echocardiographic assessment of aortic valve function,
Leo Lopez, USA

Multimodality or single modality imaging of aortic valve function and indications for
intervention?, **Francesca Raimondi, Italy**

Personalised aortic valve surgical planning: from bench to bedside, **Justin Tretter, USA**

11:00 - 12:30 / HALL 5 (WICKLOW HALL 2A)

The latest knowledge in Pulmonary Hypertension

Separate / WG: Pulmonary hypertension, heart failure and transplantation

Chair: **Hannes Sallmon, Germany**

Co-chair: **Dimpna Calila Albert Brotons, Saudi Arabia**

Update on genetic aetiologies of pulmonary hypertension, **Rolf Berger, The Netherlands**

Update on pulmonary hypertension related to PVOD, **Karin Tran Lundmark, Sweden**

Imaging to stratify and monitor pulmonary hypertension, **Hakan Wahlander, Sweden**

Timing and selection of reverse Potts shunt for PAH, **Maurice Beghetti, Switzerland**

11:00 - 12:30 / HALL 6 (WICKLOW HALL 1)

Challenges in hypoplastic left heart syndrome

Separate / WG: Paediatric Cardiovascular Intensive Care

Chair: **Nicole Sekarski, Switzerland**

Co-chair: **Ranny Goldwasser, Germany**

Co-chair: **Ricardo Munoz, USA**

HLHS preoperative management (hypoxic mixture, ventilation, nutrition), **Joan Sanchez di Toledo, Spain**

HLHS intervention: Norwood - BTS, Norwood Sano, hybrid, delayed Norwood,

Stefano Di Bernardo, Switzerland

HLHS postoperative management particularly inotropes and sedation, **Ricardo Munoz, USA**

SCIENTIFIC PROGRAM IN DETAIL

WG Sessions / Scientific Content	Abstract Sessions	Nursing Sessions	Moderated Posters
Plenary & Keynote Lectures	Society Business Meetings	Industry Sessions	Update Course

SATURDAY, APRIL 29, 2023

11:00 - 12:30 / HALL 7 (ECOCEM ROOM)

Models of care in nursing within congenital heart disease

Separate / WG: Nursing and Allied Health Professionals

Chair: **Gaby Stoffel, Switzerland**

Co-chair: **Jennie Ryan, Ireland**

New innovations in clinical practice (virtual outpatient clinics), **Helene Murchan, Ireland**

Patient monitoring and education over a tailored digital platform, **Heba Nashat, UK**

Perioperative creative music therapy with critically ill infants and their parents—a mixed methods case-study, **Rahel Gotsmann, Switzerland**

12:30 - 13:30 / HALL 1 (LIFFEY A)

KEYNOTE LECTURE AND AWARD CEREMONY & CLOSING

Speaker: **Gurleen Sharland, UK**