

16:00 - 16:00

BREAK

16:30 - 18:00

Advanced Imaging, 3D Reconstructions and Virtual Reality: How It Applies to Cardiac Morphology
 Chairs: Cardiovascular Morphology & Cardiac Imaging & Congenital Heart Surgery
 Chairs: Annalisa Angelini, Italy & Seth Treisman, USA

16:39 - 16:52 Navigating in Heart Specimens: Augmented Reality, **Cliff Abbott, France & Hugues Benabach, France**
 16:52 - 17:14 Imaging the Conduction System with Synchronisation-based HP-CT: the SURFOCA Consortium Project, **Alexander Cook, UK**
 17:14 - 17:36 How Real Are Our Imaging Techniques?, **Bodo Feyrer, USA**
 17:36 - 17:58 Value of 3D Models and Virtual Reality for Planning Surgery, **Madsen Visk, Italy**

Cardiac Imaging Abstract Session
 Chair: **Andrew Cook, USA & Sjoerd Pootnickus, UK**

16:36 - 16:37D-006 **Tricuspid Regurgitation in Healthy Children: Age-Specific Reference Values to Define Tricuspid Regurgitation**, **Samuel Hameer, Chile, Denmark**
 16:37 - 16:40D-007 **Repeat Volume: The Role of 4D Flow MRI in Optimising Pulmonary Valve Replacement Timing to Reduce the Risk of Late Aortic Dissection**, **Matteo Anselmi, Italy**
 16:44 - 16:51 **3D Left Atrial Volume and Atrial Fibrillation: Correlation with Atrial Volume and Left Atrial Volume**, **Diogo Monteiro, Canada**
 16:51 - 16:58 **3D Left Atrial Volume and Atrial Fibrillation: Correlation with Atrial Volume and Left Atrial Volume**, **Diogo Monteiro, Canada**
 16:58 - 17:05 **3D Left Atrial Volume and Atrial Fibrillation: Correlation with Atrial Volume and Left Atrial Volume**, **Diogo Monteiro, Canada**

Challenges in Becoming an Interventional Cardiologist
 Chair: **WJC Interventional Cardiology Education Committee**

How to Make an Electrocardiographic Diagnosis of Selected Pathologies
 Chair: **WJC Cardiac Electrophysiology and Electrophysiology**

How to Make an Electrocardiographic Diagnosis of Selected Pathologies
 Chair: **Fabrizio D'Agostini, Italy & Jan Janousek, Czechia**

16:39 - 16:48 **Expectations – the Trainee View**, **Giuseppe Bortone, Italy**
 16:48 - 17:00 **Expectations – the Trainee View**, **Alexander Gellera, Italy**
 17:00 - 17:24 **Training Guidelines**, **Thomas Krawinkel, The Netherlands**
 17:24 - 17:42 **Expectations – the Trainee View**, **Giuseppe Bortone, Italy**
 17:42 - 17:58 **Expectations – the Trainee View**, **Alexander Gellera, Italy**

Falling Single Ventricles in Adult CHD Patients - Challenges and Potential Solutions
 Chair: **WJC Coronary Intervention, Heart Failure and Transcatheter & Aortic Disease/Heart Failure**

Chairs: Yi Wang, China & Werner Bauert, Belgium

16:39 - 16:52 **Falling Single Ventricles in ACHD - Optimising Medical Management**, **Stavros Constantinou, Italy**
 16:52 - 17:14 **How to Optimize Chances of Cardiac Transplantation for ACHD Patients**, **Jay Arora, Canada**
 17:14 - 17:36 **VAD in a Valvulopathy: A Valid Destination Therapy for End Stage Heart Failure in ACHD Patients**, **COE, Emanuele Angelini, Italy**
 17:36 - 17:58 **VAD in a Valvulopathy: A Valid Destination Therapy for End Stage Heart Failure in ACHD Patients**, **COE, Emanuele Angelini, Italy**

Hearts Under Pressure - Doping, Supplements and the Cardiovascular Costs of Enhancements
 Chair: **WJC Sports Cardiology, Physical Activity and Prevention**

Chairs: Gino Di Giampaoli, Italy & Renata Chertkoff, Germany

16:39 - 16:52 **The Systemic Effects of Beta-Blockers, Growth Enhancer Substances, EPO, Anabolic Steroids**, **Italy**
 16:52 - 17:14 **Fast and Furious: What They Promise for Heart Health – and What Can Go Wrong**, **Renata Chertkoff, Germany**
 17:14 - 17:36 **Cardio on the Heart: Fatigue Overload**, **Germany**
 17:36 - 17:58 **Rigger, Brigger, JE: What Cost? Bodybuilding and the Culture of Enhancement**, **Renata Chertkoff, Italy**

Heart Failure Abstract Session

16:39 - 16:48 **Heart Failure Abstract Session**, **Italy**
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20:00

**SENIOR MEMBERS PARTY
 NURSES & ALLIED HEALTH PROFESSIONALS RECEPTION
 (optional, to be held in an offsite venue)**

Hall 1: Artificial Intelligence **Hall 2: Imaging** **Hall 3: Invasive Treatments** **Hall 4: Junior Track** **Hall 5: Patient Health** **Hall 6: Care in Pediatric Cardiology** **Hall 7: Paediatric Research** **Hall 8: Oral Abstract Sessions**

08:00 - 09:00 Paediatric Cardiovascular Intensive Care WG Business Meeting Cardiac Imaging WG Business Meeting Congenital Heart Surgery WG Business Meeting Cardiovascular Morphology WG Business Meeting Genetics, Basic Science and Myocardial Disease WG Business Meeting Nursing and Allied Health Professionals WG Business Meeting Sports Cardiology, Physical Activity and Prevention WG Business Meeting

09:00 - 10:30 Redefining Pediatric Cardiac Intensive Care Education: Technology, Innovation & Collaboration
 Joint WG: Paediatric Cardiovascular Intensive Care & Education Committee
 Chairs: Olympia Albert-Brotons, Spain & Ruth Haying, Belgium

09:00 - 09:18 Simulation-Based Learning in Pediatric Cardiac ICU: Building Competence Before the Crisis, **Ulrich Krause, Germany**

09:18 - 09:46 Artificial Intelligence in Critical Care: Can AI Support Clinical Decisions in Real Time?, **Micaela Miano, USA**

09:46 - 10:04 Interdisciplinary Driver Situations Through Quality Control, **WZhen, China**

10:04 - 10:16 Shaping the Future: Educational Strategies for the Next Generation of Pediatric Cardiac Intensivists, **Nico Blom, The Netherlands**

10:16 - 10:30 Panel Discussion, Audience Q&A

Joint Session SPCCS - AERC
Hypoplastic Left Heart Syndrome from the Fetus, Throughout the Fontan Palliation
 Chairs: Hiroshi Ono, Japan & Jani Janouskai, Croatia

09:00 - 09:22 In Utero Intervention in Hypoplastic Left Heart Disease: Where Are We Now?, **Andrew Tabor, Austria**

09:22 - 09:46 Novel Procedure Variants, How to Choose Among Them, **Takahisa Sakurai, Japan**

09:46 - 10:04 Old and New Therapeutic Options for PLE and Fontan Failure, **Takayuki Ohyama, Japan**

10:04 - 10:28 Creation of a Fontan Fenestration, **Enrico Piccinelli, Italy**

10:28 - 10:30 Panel Discussion, Audience Q&A

The Lymphatic System - Why Bother?
 Joint WG: Congenital Heart Surgery & Cardiovascular Morphology
 Chairs: Marc Gevaert, Belgium & Viktoria Horstall, Germany

09:00 - 09:18 Lymphatic Drainage: The Importance for CHD and Heart Failure, **Berghelm Ruff, Denmark**

09:18 - 09:36 The Pulmonary Lymphatic Vessels and Their Function are Altered in Short Leveles Such As VSD and AF Window. Mechanism for Pulmonary Changes?, **Sanjeev Datta, USA**

09:36 - 09:54 Lymphatic Interventions: Where Are We Today, **Adam Kolesnik, Poland**

09:54 - 10:12 The Lymphatic System Under Respiratory Influences Such as Mechanical Ventilation and Non-Invasive Biphasic or Negative Pressure Ventilation, **Leah Thompson, Denmark**

10:12 - 10:30 Imaging and Evaluation of Cardiothoracic Lymphatic Drainage Pathways in Single Ventricle Patients with Fontan Circulation Using the Midlow Steady State MR Imaging, **Inga Inger, Germany**

Fruity in Pediatric Patients with Congenital and Acquired Heart Disease
 Joint Session AERC - Italian Society of Pediatric Cardiology
 Chairs: Maria Giovanna Russo, Italy & Kristina Demopoulou, UK

09:00 - 09:22 Translation of Fruity Passages From Adults to Children with CHD, **Katya De Smet, Belgium**

09:22 - 09:44 Fruity in CHD Associated with Genetic Syndromes or Extracardiac Disease, **Rosario Caracciolo, Italy**

09:44 - 10:04 Fruity and Progress in Children and Adolescents with Fontan Physiology, **Christina Dimopoulos, UK**

10:04 - 10:28 Care Needs and Therapeutic Choices in Fruit Pediatric Patients with Heart Disease, **Silvia Favilli, Italy**

Challenging Practical Solutions - How to Improve Care and Patient Flows
 Network WG: Nursing and Allied Health Professionals
 Chairs: Lynda Dougherty, UK & Annie Ryan, Ireland

09:00 - 09:22 Resuscitation Education for Parents of Children with High Risk for Cardiac Arrest, **Helena Ross, Sweden**

09:22 - 09:44 Rehabilitation and Early Mobilisation - Preventing Deconditioning, **Kerry Grath, UK**

09:44 - 10:04 Motivational Techniques - Developing Tailor made Psychology Interventions for Patients Following Cardiac Surgery, **Edward Galus, Italy**

10:04 - 10:28 Nutritional Support for Going Home - How to Prepare and Support Families, **An DeSloovere, Switzerland**

Cardiac Dysrhythmia and Embryology & Early Cardiac Mapping: Patient Activity and Personalized Interventions
 Chairs: Gary Cohen & Kishore Bhargava, Germany

09:00 - 09:18 Cardiac Dysrhythmia and Embryology: From Fetal to Pediatric Patients, **Ugoch Chinedu Eke, India**

09:18 - 09:36 Cardiac Dysrhythmia and Embryology: From Fetal to Pediatric Patients, **Ugoch Chinedu Eke, India**

09:36 - 09:54 Cardiac Dysrhythmia and Embryology: From Fetal to Pediatric Patients, **Ugoch Chinedu Eke, India**

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10:12 - 10:30 Cardiac Dysrhythmia and Embryology: From Fetal to Pediatric Patients, **Ugoch Chinedu Eke, India**

10:30 - 11:00 Coffee Break

11:00 - 11:30 **Headoff Lecture**
 Chairs: Thomas Eisenbach, The Netherlands & Sir Shaker Qureshi, UK
 From ICU to Daily Clinical Practice, **Eric Rosenthal, UK**

11:30 - 12:00 **Digital, OMICS Profiling & Predictive Analytics for Paediatric Inherited Cardiovascular Conditions**
 Network WG: Genetics, Basic Science and Myocardial Disease
 Chairs: Laura Muto-Misoppo, Belgium & Eugenio Baraldi, Italy

11:30 - 11:52 Omics-guided Target Discovery and Early-intervention Trials in Marfan, **Laura Muto-Misoppo, Belgium**

11:52 - 12:14 From a Silico Heart to a 3-D Print: Informing Surgery in Complex Congenital Heart Defects, **Amelie Bachmann, Italy**

12:14 - 12:36 An AI-driven Approach to Multiscale and Multi-omic: How to Manage the Unpredictable in Clinics?, **Ameer Babak, United Arab Emirates**

12:36 - 12:58 AI-enhanced ECG: How Can AI Help Us?, **Francesca Ferrari, Switzerland**

11:30 - 11:52 Embryology of the Atrio-ventricular Valves, **Stephan Sandow, USA**

11:52 - 12:14 The Common AV Valve and Myocardium, **John Simpson, UK**

12:14 - 12:36 Elston's Anomaly and the Myocardium, **Giulia Pasquini, Italy**

12:36 - 12:58 AV Valve Dysplasia in Cardomyopathies, **Jose Pablo Diaz, UK**

11:30 - 11:48 Ten Years of Single Ventricle ASD Closure: Where Are We?, **Clément Balthaz, France**

11:48 - 12:06 ASD in Small Children - Challenge and Threats, **Carlos Barrios, UK**

12:06 - 12:24 Minimally Invasive ASD Repair in a Bicuspid Aortic Valve, **Adnan Qureshi, Italy**

12:24 - 12:42 Resorbable Devices and Percutaneous Sutures - What Can We Expect, **Davor Petrovic, Switzerland**

12:42 - 13:00 Percutaneous ASD Closure - Learning Challenges, **Milica Topalovic, Slovenia**

ASD Closure - What's Next?
 Joint WG: Interventional Cardiology & Congenital Heart Surgery & Junior Council
 Chairs: Fritz Laurent, Portugal & Marco Comazzi, Italy

11:30 - 11:48 Ten Years of Single Ventricle ASD Closure: Where Are We?, **Clément Balthaz, France**

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Surgical Therapy of Congenital Heart Disease - An Interdisciplinary Collaborative Solution
 Network WG: Paediatric Cardiovascular Intensive Care
 Chairs: Ricardo Mantec, USA & Dimpna Calin, Spain

11:30 - 11:52 Risk Scoring and Assessment, **Ferrel Espary, UK**

11:52 - 12:14 Anaesthesia in the Operating Room - What's New?, **Ennio Pizzuto, Italy**

12:14 - 12:36 Hands Over from OR to ICU: Tools and Safety?, **Cho Ng, UK**

12:36 - 12:58 The Role of the ICU in the Management of Congenital Heart Disease, **Cho Ng, UK**

12:58 - 13:00 Panel Discussion, Audience Q&A

Finance Nightingale Lecture
 Chair: Lynda Dougherty, UK

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13:00 - 13:30 **Head Off Lecture**
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 From ICU to Daily Clinical Practice, **Eric Rosenthal, UK**

<p>13:00 - 14:30</p> <p style="text-align: center;">LUNCH BREAK</p>	<p>Young Minds Meet the Experts Separate WG: <i>Anna Curnell</i></p> <p>Chair: Sara Mascarelli, Italy & Enrico Piccinelli, Italy</p> <p>13:00 - 13:11 Cardiac Imaging Working Group, <i>Ahu Simpson, UK</i></p> <p>13:11 - 13:22 Sports Cardiology, Physical Activity and Prevention Working Group, <i>Ugo Riccioni, Italy</i></p> <p>13:22 - 13:33 Pulmonary Hypertension, Heart Failure and Transplantation Working Group, <i>Colin McHale, Ireland</i></p> <p>13:33 - 13:44 Genetics, Basic Science and Molecular Disease Working Group, <i>Amar Jakov, United Arab Emirates & Georgia Bragada, Spain</i></p> <p>13:44 - 13:55 Pediatric Cardiovascular Imaging, Card Working Group, <i>Chin-UK, UK</i></p> <p>13:55 - 14:05 Interventional Cardiology Working Group, <i>Thomas Koenigsheim, The Netherlands</i></p> <p>14:05 - 14:17 Adult Cardiology Working Group, <i>Takuo Sakata, Poland</i></p> <p>14:17 - 14:28 Journey from Fellow to Professor: Endowed Chair and Chief, <i>Ricardo Muñoz, USA</i></p>	<p>Young Investigator Award</p> <p>Chair: Werner Rott, Belgium & Hiroko Uchida, Japan</p> <p>14:30 - 14:45 Q-086 Risk Factors For The Development Of Prosthetic Valve Thrombosis After Synthetic Aortic/Aortic Valve Replacement In Pediatric Patients With A Functional Single Ventricle, <i>Yugo Yamada, Japan</i></p> <p>14:45 - 15:00 Q-087 A Prospective Cohort For Understanding Early Neurodevelopmental Vulnerability In Children With Congenital Heart Defects, <i>Ellena Chikwe, Rwanda</i></p> <p>15:00 - 15:15 Q-088 Nationwide Observed Prevalence, Trends, And Future Projections Of Congenital Heart Disease In Japan: An 8-Year Registry-Based Population Analysis In A Tackling Birth Society, <i>Takashi Inoue, Japan</i></p> <p>15:15 - 15:30 Q-089 Wied Of Cardiac Screening In Pediatric First-Degree Relatives Of Patients With Disproportionate Cardiomyopathy, <i>Sara Mascarelli, UK</i></p> <p>15:30 - 15:45 Q-090 Association Between Blood Biomarkers And Hemodynamic Parameters In Adolescents And Adults After The Fontan Procedure: A Retrospective Cohort Study, <i>Rishabh Rajgopal, India</i></p> <p>15:45 - 16:00 Q-091 Longitudinal Assessment Of Cardiac Function After Transcatheter Irradiation In Pediatric Central Nervous System Tumor Survivors, <i>Alice Puzza, Italy</i></p>	<p>LUNCH BREAK</p> <p>Cardiofertility and Heart Failure WG: Pulmonary Hypertension, Heart Failure and Transplantation & Cardiac Imaging</p> <p>Chair: Thomas Müller, Germany & Bogdan Costales, Italy</p> <p>15:30 - 15:45 Cardiofertility: Mechanisms and Effect of Protection, <i>Minat Chhabra, UK</i></p> <p>15:45 - 16:14 Imaging Modalities for Assessment and Monitoring Cardiofertility, <i>Leif Holm, Canada</i></p> <p>16:14 - 16:36 Strategies to Reduce Cardiofertility, <i>Joe Rossano, USA</i></p> <p>16:36 - 16:58 Management of Heart Failure in Patients with CHD After Cancer Treatment, <i>Jovana Novakovic, UK</i></p>	<p>Train the Trainer - How to Become Educated As a Valuable Trainer? WG: WCC Congenital Heart Surgery & Education Committee & Nursing and Allied Health Professions</p> <p>Chair: Myra Kallis, Finland & Meena Winkler, Austria</p> <p>15:00 - 15:22 Train The Trainer - General Thoughts, <i>Ruth Aoying, Belgium</i></p> <p>15:22 - 15:44 My Experience As A Trainer, <i>Dr. Ghazal Daniels, UK</i></p> <p>15:44 - 16:06 Training Details - How To Teach?, <i>Myra Kallis, Finland</i></p> <p>16:06 - 16:28 Do We Need To Become Educated As A Trainer?, <i>Skate Szendrői, Netherlands</i></p>	<p>Mentoring - Small Group Discussion 2 (Limited Participation - Additional Registration Required) Separate WG: Education Committee</p> <p>Chair: Orietta Milano, Italy</p> <p>Navigating Early Career as a Female, especially in Interventional Cardiology, <i>Alessia Calgari, Italy</i></p> <p>Key Professional and Personal Growth Areas to Discuss with Your Mentor, <i>Anna Rypas, Germany</i></p> <p>From Mentor to Early Career Interventionist: New Responsibilities, Old Headaches, <i>Domenico Sileo, Italy</i></p> <p>Sustaining Excellence: Thriving in Pediatric Cardiology Without Losing Yourself, <i>Ornella Pisanelli, Italy</i></p>	<p>LUNCH BREAK</p>
<p>14:30 - 16:00</p> <p>Virtual or Reality - A Big Deep? WG: Basic Science and Molecular Disease & Cardiovascular Pathology</p> <p>Chair: Giuseppe Limongi, Italy & Kallopi Pilchou, Italy</p> <p>14:30 - 14:52 Genetic Treatment for CHD: Where Are We and Where Do We go?, <i>Georgia Loumisa, Greece, Spain</i></p> <p>14:52 - 15:14 Role of the Myocyte Communicator in an Electromechanical Video Perspective, <i>Eva Rieg-Zachlitska, Germany</i></p> <p>15:14 - 15:36 The Stemmatome Can Regenerate The Myocardium After Damage: Why Can't We?, <i>Andreas Stenke, Sweden</i></p> <p>15:36 - 15:58 The Lymphatic System in Congenital Heart Disease, <i>Vibhaka Ajitkumar, Denmark</i></p>	<p>Advanced Imaging in Electrophysiology and Cardiac Devices WG: Basic Science and Molecular Disease & Cardiovascular Pathology</p> <p>Chair: Ulrich Krause, Germany & Szymon Kropicki, UK</p> <p>14:30 - 14:52 Intracardiac Echocardiography to Guide Pediatric EP and CHD Ablations, <i>Leah Almy, Hungary</i></p> <p>14:52 - 15:14 Intensity of 3D TDI to Guide Pediatric Ablation and Conduction System Pacing in Children, <i>Farwan Ahsan, Spain</i></p> <p>15:14 - 15:36 MR in Patients with Non-WF Conditional Cardiac Implantable Electronic Devices (CIED), <i>Szymon Kropicki, UK</i></p> <p>15:36 - 15:58 MR Prior to EP Procedures - What an EP Expert Should Know, <i>Somya Babu, Norway, UK</i></p>	<p>Young Investigator Award</p> <p>Chair: Werner Rott, Belgium & Hiroko Uchida, Japan</p> <p>14:30 - 14:45 Q-086 Risk Factors For The Development Of Prosthetic Valve Thrombosis After Synthetic Aortic/Aortic Valve Replacement In Pediatric Patients With A Functional Single Ventricle, <i>Yugo Yamada, Japan</i></p> <p>14:45 - 15:00 Q-087 A Prospective Cohort For Understanding Early Neurodevelopmental Vulnerability In Children With Congenital Heart Defects, <i>Ellena Chikwe, Rwanda</i></p> <p>15:00 - 15:15 Q-088 Nationwide Observed Prevalence, Trends, And Future Projections Of Congenital Heart Disease In Japan: An 8-Year Registry-Based Population Analysis In A Tackling Birth Society, <i>Takashi Inoue, Japan</i></p> <p>15:15 - 15:30 Q-089 Wied Of Cardiac Screening In Pediatric First-Degree Relatives Of Patients With Disproportionate Cardiomyopathy, <i>Sara Mascarelli, UK</i></p> <p>15:30 - 15:45 Q-090 Association Between Blood Biomarkers And Hemodynamic Parameters In Adolescents And Adults After The Fontan Procedure: A Retrospective Cohort Study, <i>Rishabh Rajgopal, India</i></p> <p>15:45 - 16:00 Q-091 Longitudinal Assessment Of Cardiac Function After Transcatheter Irradiation In Pediatric Central Nervous System Tumor Survivors, <i>Alice Puzza, Italy</i></p>	<p>Communication Challenges and Solutions in Diverse and Vulnerable Populations: Advances and Limitations of AI WG: Healthcare Management and Public Social Care & Nursing and Allied Health Professions</p> <p>Chair: Florine Cassy, Belgium & Michèle de Heesen, Belgium</p> <p>15:30 - 15:45 Communication with Vulnerable Populations: Strategies for Engagement and Inclusion, <i>Ann Latta, Switzerland</i></p> <p>15:45 - 16:14 Health Literacy and Communication Inequalities: Addressing Barriers in Underserved Groups, <i>Benji Mjølhus, Sweden</i></p> <p>16:14 - 16:36 Lost in Translation? Understanding the Barriers in Youth Communication, <i>Arya D. Ghosh, Belgium</i></p> <p>16:36 - 16:58 Panel Discussion with Speakers & Audience</p>	<p>Interventional Cardiology Abstract Session</p> <p>Chair: Myra Kallis, Finland & Meena Winkler, Austria</p> <p>15:30 - 15:45 Q-086 Risk Factors For The Development Of Prosthetic Valve Thrombosis After Synthetic Aortic/Aortic Valve Replacement In Pediatric Patients With A Functional Single Ventricle, <i>Yugo Yamada, Japan</i></p> <p>15:45 - 16:00 Q-087 A Prospective Cohort For Understanding Early Neurodevelopmental Vulnerability In Children With Congenital Heart Defects, <i>Ellena Chikwe, Rwanda</i></p> <p>16:00 - 16:15 Q-088 Nationwide Observed Prevalence, Trends, And Future Projections Of Congenital Heart Disease In Japan: An 8-Year Registry-Based Population Analysis In A Tackling Birth Society, <i>Takashi Inoue, Japan</i></p> <p>16:15 - 16:30 Q-089 Wied Of Cardiac Screening In Pediatric First-Degree Relatives Of Patients With Disproportionate Cardiomyopathy, <i>Sara Mascarelli, UK</i></p> <p>16:30 - 16:45 Q-090 Association Between Blood Biomarkers And Hemodynamic Parameters In Adolescents And Adults After The Fontan Procedure: A Retrospective Cohort Study, <i>Rishabh Rajgopal, India</i></p> <p>16:45 - 17:00 Q-091 Longitudinal Assessment Of Cardiac Function After Transcatheter Irradiation In Pediatric Central Nervous System Tumor Survivors, <i>Alice Puzza, Italy</i></p>	<p>Interventional Cardiology Abstract Session</p> <p>Chair: Myra Kallis, Finland & Meena Winkler, Austria</p> <p>15:30 - 15:45 Q-086 Risk Factors For The Development Of Prosthetic Valve Thrombosis After Synthetic Aortic/Aortic Valve Replacement In Pediatric Patients With A Functional Single Ventricle, <i>Yugo Yamada, Japan</i></p> <p>15:45 - 16:00 Q-087 A Prospective Cohort For Understanding Early Neurodevelopmental Vulnerability In Children With Congenital Heart Defects, <i>Ellena Chikwe, Rwanda</i></p> <p>16:00 - 16:15 Q-088 Nationwide Observed Prevalence, Trends, And Future Projections Of Congenital Heart Disease In Japan: An 8-Year Registry-Based Population Analysis In A Tackling Birth Society, <i>Takashi Inoue, Japan</i></p> <p>16:15 - 16:30 Q-089 Wied Of Cardiac Screening In Pediatric First-Degree Relatives Of Patients With Disproportionate Cardiomyopathy, <i>Sara Mascarelli, UK</i></p> <p>16:30 - 16:45 Q-090 Association Between Blood Biomarkers And Hemodynamic Parameters In Adolescents And Adults After The Fontan Procedure: A Retrospective Cohort Study, <i>Rishabh Rajgopal, India</i></p> <p>16:45 - 17:00 Q-091 Longitudinal Assessment Of Cardiac Function After Transcatheter Irradiation In Pediatric Central Nervous System Tumor Survivors, <i>Alice Puzza, Italy</i></p>	<p>Interventional Cardiology Abstract Session</p> <p>Chair: Myra Kallis, Finland & Meena Winkler, Austria</p> <p>15:30 - 15:45 Q-086 Risk Factors For The Development Of Prosthetic Valve Thrombosis After Synthetic Aortic/Aortic Valve Replacement In Pediatric Patients With A Functional Single Ventricle, <i>Yugo Yamada, Japan</i></p> <p>15:45 - 16:00 Q-087 A Prospective Cohort For Understanding Early Neurodevelopmental Vulnerability In Children With Congenital Heart Defects, <i>Ellena Chikwe, Rwanda</i></p> <p>16:00 - 16:15 Q-088 Nationwide Observed Prevalence, Trends, And Future Projections Of Congenital Heart Disease In Japan: An 8-Year Registry-Based Population Analysis In A Tackling Birth Society, <i>Takashi Inoue, Japan</i></p> <p>16:15 - 16:30 Q-089 Wied Of Cardiac Screening In Pediatric First-Degree Relatives Of Patients With Disproportionate Cardiomyopathy, <i>Sara Mascarelli, UK</i></p> <p>16:30 - 16:45 Q-090 Association Between Blood Biomarkers And Hemodynamic Parameters In Adolescents And Adults After The Fontan Procedure: A Retrospective Cohort Study, <i>Rishabh Rajgopal, India</i></p> <p>16:45 - 17:00 Q-091 Longitudinal Assessment Of Cardiac Function After Transcatheter Irradiation In Pediatric Central Nervous System Tumor Survivors, <i>Alice Puzza, Italy</i></p>
<p>16:00 - 16:30</p> <p>3D Printing and VR - The Future of Imaging in CHD WG: Basic Science and Molecular Disease & Cardiovascular Pathology</p> <p>Chair: Thomas Salazar, Belgium & Bogdan Costales, Italy</p> <p>16:00 - 16:52 Complex Congenital Cardiac Repairs Warrant 3D Printed Models for Planning, <i>Colin McHale, Ireland</i></p> <p>16:52 - 17:14 Complex Congenital Cardiac Repairs Warrant 3D Printed Models for Planning, <i>Colin McHale, Ireland</i></p> <p>17:14 - 17:36 Virtual Reality in the Future of Cardiac Imaging - COV, <i>Tarlan Ramcharan, UK</i></p> <p>17:36 - 17:58 Virtual Reality in the Future of Cardiac Imaging - COV, <i>Azhan Kaseem, Pakistan</i></p>	<p>Knowledge Transfer in Low- and Middle-Income Countries WG: Basic Science and Molecular Disease & Cardiovascular Pathology</p> <p>Chair: Enrico Piccinelli, Italy & Marco Abbiosi Perrone, Italy</p> <p>16:00 - 16:52 Diabetic Thinking Fast & Slow, <i>Anna Talaric, UK</i></p> <p>16:52 - 17:14 Etiology of Failure: What else?, <i>Elmas Parnas, Italy</i></p> <p>17:14 - 17:36 Decoding a Mystery: A Changing Field Arrhythmias and the Challenge of Predicting the Postnatal Trajectory, <i>Archie Boyd, UK</i></p> <p>17:36 - 17:58 When the Salt Talks a Deeper Story, <i>Sara Mascarelli, UK</i></p>	<p>Prehabilitation for Pediatric Heart Transplantation Patients: Prevention of Heart Failure and Transplantation WG: Sports Cardiology, Physical Activity and Prevention & Pulmonary Hypertension, Heart Failure and Transplantation</p> <p>Chair: Valeria Perola, Saudi Arabia & Anik Schipper, The Netherlands</p> <p>16:30 - 16:52 The Potential Role of Mechanical Support in Prehabilitation, <i>Gene Dentis, Italy</i></p> <p>16:52 - 17:14 Listing and Bridging Left Heart Failure: Patients to Heart Transplantation by Means of Pulmonary Vasodilators, Mechanical Circulatory Support of Atrial Appendage, <i>Georg Neiswander, Germany</i></p> <p>17:14 - 17:36 Rehabilitation in Pediatric HF: Current Practice and Future Perspective, <i>Janis Raaijmakers, UK</i></p> <p>17:36 - 17:58 Prevention of Late Immune-mediated Complications of Pediatric HF, <i>Henk Reijnders, The Netherlands</i></p>	<p>Navigation Pregnancy with CHD: Risk, Management and Outcomes WG: Basic Science and Molecular Disease & Cardiovascular Pathology</p> <p>Chair: Matti Binghamer, Sweden & Pivi Pouti-Baccarelli, Ireland</p> <p>16:30 - 16:52 Diabetic: Routinized Preconception Screening and Congenital Heart Disease, <i>Alberta Sabatini, Italy</i></p> <p>16:52 - 17:14 Ethical Considerations in Pregnancy Risk Assessment in Patients with CHD, <i>Ann Formis, Sweden</i></p> <p>17:14 - 17:36 Psychosocial Wellbeing in the Peripartum Period, <i>Yael Vanharen, Belgium</i></p> <p>17:36 - 17:58 Management of Arrhythmias in the Peripartum Period, <i>Gabriela Ergly, Austria, Italy</i></p>	<p>Interventional Cardiology Abstract Session</p> <p>Chair: Myra Kallis, Finland & Meena Winkler, Austria</p> <p>15:30 - 15:45 Q-086 Risk Factors For The Development Of Prosthetic Valve Thrombosis After Synthetic Aortic/Aortic Valve Replacement In Pediatric Patients With A Functional Single Ventricle, <i>Yugo Yamada, Japan</i></p> <p>15:45 - 16:00 Q-087 A Prospective Cohort For Understanding Early Neurodevelopmental Vulnerability In Children With Congenital Heart Defects, <i>Ellena Chikwe, Rwanda</i></p> <p>16:00 - 16:15 Q-088 Nationwide Observed Prevalence, Trends, And Future Projections Of Congenital Heart Disease In Japan: An 8-Year Registry-Based Population Analysis In A Tackling Birth Society, <i>Takashi Inoue, Japan</i></p> <p>16:15 - 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<p style="text-align: center;">ANNUAL MEETING DINNER</p>						

Time Slot	Half 1: Artificial Intelligence	Half 2: Imaging	Half 3: Invasive Treatments	Half 4: Junior Track	Saturday / 18 May 2020	Half 5: Failing Hearts	Half 6: Care in Pediatric Cardiology	Half 7: Fluid Falls Room	Half 8: Oral Abstract Sessions
08:00 - 10:30	<p>Artificial Intelligence for Cardiovascular Load Management in Cardiac patients and Athletes</p> <p>Source: <i>IG: Sports Cardiology, Physical Activity and Prevention</i></p> <p>Chair: <i>Joko Rahn, Philipp & Andrea Emilian, Italy</i></p> <p>09:00 - 09:22 Is AI the Magic Bullet to Develop Effective Preventive Strategies in Childhood? Alberto Rossi, Italy</p> <p>09:22 - 09:44 AI Guided Exercise Prescription in Cardiovascular Disease: From Digital Phenotyping to Self-Training. Marco Bucchian, Italy</p> <p>09:44 - 10:06 Wearable Device AI for Cardiovascular Readiness. Leon Brudy, Germany</p> <p>10:06 - 10:28 Artificial Intelligence in Sports Cardiology: To Embrace or To Avoid? Stefano Pedemonte, Italy</p>	<p>Puzzle the Expert</p> <p>Source: <i>IG: Basic Cardiology</i></p> <p>Chair: <i>Christy Ann Cox, The Netherlands & Tamas Szekely, Finland</i></p> <p>09:00 - 09:25 Case 1: Malika Marzouk, Germany & Anissa Dargat, Poland & Alessia Ceccati, Italy</p> <p>09:25 - 09:50 Case 2: Ray Ghelani, Spain</p> <p>09:50 - 09:45 Case 3: Muhammad Zahedi, Malaysia</p> <p>09:45 - 10:00 Case 4: Arjun Swaminathan, USA</p>	<p>PA Banding: Revisiting An Old Technique</p> <p>Source: <i>IG: Interventional Cardiology & Congenital Heart Surgery</i></p> <p>Chair: <i>Caroline Oswald, France & Massimo Padano, Italy</i></p> <p>09:00 - 09:22 Why, How and Who Should We Band Percutaneously? Gael Milani, France</p> <p>09:22 - 09:44 Banding for the Bicuspid Aortic Valve in the ICU. Andrea Basso, Italy</p> <p>09:44 - 10:06 Bicuspid Aortic Valve Banding: What Can We Expect? Stavros Angelis, Germany</p> <p>10:06 - 10:28 PA Banding for Conductionopathy: Where Do We Stand? Christian Ait, Germany</p>	<p>Navigating Postoperative Challenges in Paediatric Cardiology</p> <p>Source: <i>IG: Senior Council</i></p> <p>Chair: <i>Sophie Benheim, France & Elzbeta Pomati, Italy</i></p> <p>09:00 - 09:22 Complication Anticipation: Common Postoperative Issues and Their Management. Gregoire Benheim, France</p> <p>09:22 - 09:44 Banding for the Bicuspid Aortic Valve in the ICU. Andrea Basso, Italy</p> <p>09:44 - 10:06 Bicuspid Aortic Valve Banding: What Can We Expect? Stavros Angelis, Germany</p> <p>10:06 - 10:28 PA Banding for Conductionopathy: Where Do We Stand? Christian Ait, Germany</p>	<p>Pharmacotherapy in Pulmonary Hypertension</p> <p>Source: <i>IG: Pulmonary Hypertension, Heart Failure and Transplantation</i></p> <p>Chair: <i>Nancy Sattler, Switzerland & John Wacker, Switzerland</i></p> <p>09:00 - 09:22 Current PH Pharmacotherapy - Effects, Side Effects and Interactions Worth Knowing About. Stavros Angelis, Germany</p> <p>09:22 - 09:44 Update on Clinical Trials in Paediatric PH - Challenges and Novelties. Paola Agostoni, Italy</p> <p>09:44 - 10:06 What do we know About Sildenafil in 2020? Maurice Bagheri, Switzerland</p> <p>10:06 - 10:28 Treatment of PH in Bronchopulmonary Dysplasia - Vasodilators and Shunts. Mark and Conny, Spain</p>	<p>Bridging the Gap: Innovations in Paediatric to Adult Congenital Heart Disease Care</p> <p>Source: <i>IG: Adult Congenital Heart Disease</i></p> <p>Chair: <i>Pier Paolo Bassano, Ireland & Marc Friedberg, Canada</i></p> <p>09:00 - 09:22 Innovations in Echocardiographic Imaging Across Ages. Amadi Sabatini, Italy</p> <p>09:22 - 09:44 Standardizing European ACHD Certification. Margaretta Batta, UK</p> <p>09:44 - 10:06 Research Clinical Research: Outcomes & Solving. Paolo Ferrero, Italy</p> <p>10:06 - 10:28 Paediatric to Adult Transition in Congenital Heart Disease: State of the Art in Europe. Karol Prokaj, Slovakia</p>	<p>Heart Failure</p> <p>Source: <i>IG: Heart Failure</i></p> <p>Chair: <i>Thomas Kocum, Turkey</i></p> <p>09:00 - 09:22 Heart Failure in Children: A Review. Thomas Kocum, Turkey</p> <p>09:22 - 09:44 Heart Failure in Children: A Review. Thomas Kocum, Turkey</p> <p>09:44 - 10:06 Heart Failure in Children: A Review. Thomas Kocum, Turkey</p> <p>10:06 - 10:28 Heart Failure in Children: A Review. Thomas Kocum, Turkey</p>	<p>Paediatric Cardiovascular Intensive Care & General Cardiology Abstract Session</p> <p>Chair: <i>Andreea Onciu, Spain & Benedek Lovas, Italy</i></p> <p>09:00 - 09:07 D-130 Prevalence in Marfan Syndrome With High Cardiovascular Risk: Who Needs Surgery? Christina, Germany</p> <p>09:07 - 09:14 D-131 Use and Outcomes of Anticoagulation Therapy in Children With Congenital Heart Disease: Insights From a Nationwide Population Based Study. Jana Legata, Switzerland</p> <p>09:14 - 09:21 D-132 Right Atrial Area From First to Last Exam Follow-Up: Diagnostic, Management and Outcomes in More Than 200 Years. Caroline Nave Campesato, Italy</p> <p>09:21 - 09:28 D-133 VSD-Free Interval Results of Surgical Closure of Large VSD With Severe PH in Children Older Than 2 Years. Sarah-Jane, Italy</p> <p>09:28 - 09:35 D-134 Management of the Last Year of Life in Congenital or Acquired Cardiac Disease: Three Case Reports. Archie, France</p> <p>09:35 - 09:42 D-135 Comprehensive Assessment of the Risk of Developing Coronary Artery Disease in Heart Disease: Patient's Study. Stavros, Serbia</p> <p>09:42 - 09:49 D-136 Heart Disease in Pediatric Patients: A Systematic Review and Meta-Analysis. Marina, Switzerland</p> <p>09:49 - 09:56 D-137 Heart Disease in Pediatric Patients: A Systematic Review and Meta-Analysis. 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10:30 - 11:00	BREAK								
11:00 - 12:30	<p>Pulmonary Hypertension, Heart Failure and Transplantation Abstract Session</p> <p>Chair: <i>Albert Oswald, UK & Karimhadi, Canada</i></p> <p>11:00 - 11:07 D-137 Assessment of Glucose Metabolism in Individuals With a Fetus Circulation a Systematic Review of Observational, Prospective, and Interventional Studies. David, Poland</p> <p>11:07 - 11:14 D-138 Immunomodulatory Treatment Strategies and Genetic Outcomes in Pediatric Parvovirus B19 Infections: Single From to Single Point. Ben, Germany</p> <p>11:14 - 11:21 D-139 Pulmonary Arteriovenous Malformations With Pulmonary Hypertension of Greater Than 30 mmHg: Single From to Single Point. Ben, Germany</p> <p>11:21 - 11:28 D-140 Pulmonary Arteriovenous Malformations With Pulmonary Hypertension: Single and Multiple From to Single Point. Ben, Germany</p> <p>11:28 - 11:35 D-141 Heart Failure in Pediatric Pulmonary Arteriovenous Malformations: Single and Multiple From to Single Point. 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Ben, Germany</p> <p>12:17 - 12:24 D-148 Heart Failure in Pediatric Pulmonary Arteriovenous Malformations: Single and Multiple From to Single Point. Ben, Germany</p> <p>12:24 - 12:31 D-149 Heart Failure in Pediatric Pulmonary Arteriovenous Malformations: Single and Multiple From to Single Point. Ben, Germany</p>	<p>Failures and Successes in the Cathlab</p> <p>Source: <i>IG: Interventional Cardiology</i></p> <p>Chair: <i>Thomas Kocum, The Netherlands & Dr. Dhakesh Qureshi, UK</i></p> <p>11:00 - 11:15 Transcatheter Closure of Aortic Right Atrial Tunnel in a Neonate: When Technical Success Meets Clinical Failure. Ravi, India</p> <p>11:15 - 11:30 Aggressive Angioplasty of Pulmonary Arteries after Lacomplax maneuver? No Heart. Dr. Netherlands</p> <p>11:30 - 11:45 Moving Beyond Classic Cardiac Rehabilitation Programs in Children with Complex and/or Repeated Device Migration Requiring Percutaneous Retrieval and Re-implantation. Emil, Serbia</p> <p>11:45 - 12:00 Intracardiac Aortic Coarctation Following Transcatheter PDA Closure Resulting with Tamponade and Aortic Dissection. Emil, Serbia</p>	<p>Exercise Programs in Children with CHD - What's Next?</p> <p>Source: <i>IG: Sports Cardiology, Physical Activity and Prevention</i></p> <p>Chair: <i>Berardo Sarubbi, Italy & Anwar Hameed, USA</i></p> <p>11:00 - 11:22 Outcomes for Exercise Interventions in CHD: Health-related Quality of Life. Sergio, Italy</p> <p>11:22 - 11:44 Outcomes for Exercise Interventions in CHD: Peak VO2. Anwar, USA</p> <p>11:44 - 12:06 Moving Beyond Classic Cardiac Rehabilitation Programs in Children with Complex and/or Repeated Device Migration Requiring Percutaneous Retrieval and Re-implantation. Emil, Serbia</p> <p>12:06 - 12:28 Exercise Prescription in Clinical Practice: Bridging the Gap Between Guidelines and Real World Needs. Anwar, USA</p>	<p>Joint Session PCS1 - AFPC</p> <p>CHD-PA Across the World: Guidelines, Late Presenters, and Real-World Decision-Making</p> <p>Chair: <i>Jayaprakash M, India & Karim Tran, Lundmark, Sweden</i></p> <p>11:00 - 11:22 Assessing Operability in CHD-PA: Guideline Frameworks and Unresolved Questions. John, Switzerland</p> <p>11:22 - 11:44 Late Presenting CHD-PA: Physiology and Decision Making in High Burden Settings. Saurabh, India</p> <p>11:44 - 12:06 Completing Operability Decisions in CHD-PA: Case-Based Panel Discussion</p> <p>Panelist: <i>Jayaprakash M, India & Karim Tran, Lundmark, Sweden & Saurabh Gupta, India & Julie Wacker, Switzerland</i></p> <p>11:44 - 11:59 Case PCS1. Saurabh Gupta, India</p> <p>11:59 - 12:14 Case AFPC. Oliver van der Aa, Sweden</p>	<p>Heart Failure</p> <p>Source: <i>IG: Heart Failure</i></p> <p>Chair: <i>Thomas Kocum, Turkey</i></p> <p>11:00 - 11:07 D-137 Assessment of Glucose Metabolism in Individuals With a Fetus Circulation a Systematic Review of Observational, Prospective, and Interventional Studies. David, Poland</p> <p>11:07 - 11:14 D-138 Immunomodulatory Treatment Strategies and Genetic Outcomes in Pediatric Parvovirus B19 Infections: Single From to Single Point. Ben, Germany</p> <p>11:14 - 11:21 D-139 Pulmonary Arteriovenous Malformations With Pulmonary Hypertension of Greater Than 30 mmHg: Single From to Single Point. Ben, Germany</p> <p>11:21 - 11:28 D-140 Pulmonary Arteriovenous Malformations With Pulmonary Hypertension: Single and Multiple From to Single Point. Ben, Germany</p> <p>11:28 - 11:35 D-141 Heart Failure in Pediatric Pulmonary Arteriovenous Malformations: Single and Multiple From to Single Point. 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12:30 - 13:00	<p>CLOSING LECTURE & CLOSING CEREMONY</p> <p>Chair: <i>Giovanni Di Salvo, Italy</i></p> <p>Historical Insights into the Birth of Echocardiography - The Legacy of Einar & Herzi. Robert, USA</p>								