

## Modarated E- Poster List

**Thursday, May 14, 2026 – 13:15 – 14:15**

### **Totem 1**

#### **Session 1 - Fontan**

**Chairs: Esme Dunne, Ireland & Elena Cuppini, Italy**

MP-001 Illness Experience In The Support Network Of Adults With A Fontan Circulation: A Qualitative Study, Aline Gasser, Switzerland

MP-002 Long-Term Outcomes And Exercise Capacity In Ecc-Tcpc Patients: Impact Of Conduit Size And Temporal Changes, Laura Büscher, Germany

MP-003 Do Sublingual And Peripheral Skin Venous Malformations Predict The Incidence And Severity Of Long-Term Fontan Associated Complications? A Case Report, Rajendra Raghuraman, United Kingdom

MP-004 Is Iron Deficiency A Risk Factor For Adverse Events In Adult Patients With Fontan Circulation?, Elettra Pomiatto, Italy

MP-005 Exploring The Cardiac-Renal Relationship In Fontan Patients: Implications For Clinical Follow Up, Roberta Biffanti, Italy

MP-006 Cardiac Resynchronization Therapy With Physiology-Based Single-Site Ventricular Pacing In Children With Univentricular Physiology: A Three-Case Series, Yasufumi Kittaka, Japan

MP-007 Prediction Of Need For A Permanent Pacemaker In Children And Adults With Left Atrial Isomerism In A Univentricular Pathway, Conor Gibb, United Kingdom

MP-008 Lung Perfusion Imaging In Patients With Fontan Circulation Using Contrast-Free Arterial Spin Labeling Mri, Anja Hanser, Germany

MP-009 Non-Invasive Evaluation Of Fontan-Associated Liver Disease In Children: Longitudinal Performance Of Transient Elastography And Apri In A Single-Centre Cohort, Wisam Abozaid, Canada

MP-010 Longterm Outcomes And Lymphatic Complications After Total Cavopulmonary Connection: A Single-Center Cohort Study, Jan Hinnerk Hansen, Germany

MP-011 Rivaroxaban Therapy For Ventricular Thrombus In Hypoplastic Left Heart Syndrome: A Case Report, Luiza Sulej, Poland

MP-012 Switching To Direct Oral Anticoagulants In Children With Fontan Circulation, Inna Trunina, Russia

MP-013 OLFACTORY Dysfunction In Children With Fontan Circulation: Association With Nt-Probnp And Oxygen Saturation, Sezen Ugan Atik, Turkey

MP-014 Lipidomics Landscape In Patients With Univentricular Heart Post-Fontan, Lamia Ait Ali, Italy

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MP-015 Thyroid-Gut-Axis Abnormalities In Fontan Patients: A Report From The Fontan Care Network, Floris Udink ten Cate, Netherlands

MP-016 The Clinical Implications Of Renal Doppler Ultrasonography For Predicting Chronic Kidney Disease And Fontan Failure, Raffaella Marzullo, Italy

MP-017 Determinants Of Exercise Capacity In Fontan Patients, Isabelle Schöffl, Germany

MP-018 Stroke Volume Augmentation Is The Main Predictor Of Peak Oxygen Consumption In Children And Adolescents With Fontan Circulation, Paola Dolader-Codina, Spain

### **Totem 2**

#### **Session 2 - Invasive Treatments**

##### **Chairs: Ali Dodge-Khatami, Germany & Giuseppe Santoro, Italy**

MP-019 Successful Extubation To Non-Invasive Nava In An Infant With Alcapa And Unilateral Diaphragmatic Paralysis After Complex Cardiac Surgery, Mohamed Eldihemey, Germany

MP-020 Fifteen-Year Outcomes Of 12 Mm Bovine Jugular Vein Conduits Versus Small Homografts For Right Ventricular Outflow Tract Reconstruction In Neonates, Ivan Kozyrev, Germany

MP-021 Prevalence And Timing Of Acute Kidney Injury After Pediatric Cardiac Surgery, Louisa Bode, Germany

MP-022 Left Ventricular Pseudoaneurysm In A Down Syndrome Infant, Sahar Sheta, Egypt

MP-023 Covid-19 Pandemic And The Service Of Congenital Heart Surgery In Lithuania: Intermediate Follow-Up Results Of Infants Who Underwent Non-Palliative Correction Of Low And Medium Complexity Congenital Heart Disease, Dominykas Budrys, Lithuania

MP-024 Use Of Decellularized Equine Pericardium For Cardiac Defect Repair: Mid- And Long-Term Outcomes In 388 Patients, Walid Bennour, Germany

MP-025 Systematic Review And Meta-Analysis Of Clinical Scientific Evidences On Self-Expandable Percutaneous Pulmonary Valve Implantation, Gianfranco Butera, Italy

MP-026 The Use Of Cutting Balloons In The Treatment Of Resistant Peripheral Pulmonary Stenosis Following Surgical Treatment Of Congenital Heart Defects, Jacek Kusa, Poland

MP-027 Konar Mfo Occluder– New Device For Multiple Purposes, Roland Fiszer, Poland

MP-028 Success Rate Of Catheter Balloon Dilations And Outcomes In Pediatric Patients With Congenital Pulmonary Stenosis - Single Center Cohort 2011-2024, Asaf Ta-Shma, Israel

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MP-029 Efficacy And Safety Of Transcatheter Closure Of Atrial Septal Defects Using The Amplatzer Septal Occluder Versus The Cocoon Septal Occluder: A Retrospective Multicenter Study, Basil (Vasileios) Thanopoulos, Greece

MP-030 Rvot Plication In Aneurysmal Mpa Followed By Ppvi (Hybrid-Novel Technique): Overcoming Hurdles In Ppvi, Prakash R, India

MP-031 Breaking The Block: Successful Radiofrequency Recanalization Of Superior Vena Cava Obstruction After Glenn Takedown, Maxsuel Xiloj, Spain

MP-032 Melody Valve Implantation In Patients With 22q11 Anomaly – Is There A Higher Risk Of Infective Endocarditis?, Roland Gitter, Austria

MP-033 Clinical Outcomes Of Percutaneous Pfo Closure Using A Single Occluder: A Single-Center Experience, Massimiliano Cantinotti, Italy

MP-034 The Postoperative Course Of Troponin T And Nt-Probnp Levels In The Pediatric Population Implanted With The Heartmate 3 Device, Şeyma Şebnem Ön, Turkey

MP-035 Percutaneous Neck Cannulation In Infants: A Safe, Feasible, And Effective Alternative For Reliable Vascular Access In Va-Ecmo?, Julia Danner, Germany

MP-036 Virtual 3d Planning Of Heartmate 3 Implantation In Pediatric Patients Using Ct-Based Anatomical Modelling, Lorena de Oliveira López, Spain

### **Totem 3**

#### **Session 3 - Fetal, Perinatal and Maternal Cardiology**

**Chairs: Andreas Tulzer, Austria & Elena Reffo, Italy**

MP-037 Perceived Symptoms During Pregnancy In Women With And Without Chd, Annika Bay, Sweden

MP-038 Outcome Of Pregnancy In A Cohort Of Women With Congenital Heart Disease- A- 23 – Year, Single-Center Experience, Valentina Gesuete, Italy

MP-039 Pharmacological Management Of Foetal Svt: A Single-Centre Retrospective Study, Ifunanya Azike, United Kingdom

MP-040 First In-Fetal Use Of An Everolimus-Eluting Stent In A Fetus With Hlhs With Intact Atrial Septum, Felix Mögel, Austria

MP-041 Evaluating Machine Learning Models For Fetal Health Classification: A Detailed Analysis Of Feature Selection Impact, Arti Kori, India

MP-042 Ductus Venosus Agenesis: Diagnostic Challenges And Outcomes From Fetal To Neonatal Life, Agata Michalczyk, Poland

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MP-043 Evolving Practice Of Genetic Testing In Antenatal And Post-Natal Diagnosis Of Major Congenital Heart Diseases In A Tertiary Centre, Justin Ng Choon Hwee, Singapore

MP-044 Ventricular Interdependence In Fetal Congenital Heart Disease With Right Ventricular Anomalies: A Functional And Strain-Based Assessment, Jessica Luchetti, Italy

MP-045 Early Foetal Diagnosis Of Single-Ventricle Physiology Compared With Standard Foetal Diagnosis, Gerald Riordan, Australia

MP-046 Symptomatic Fetal Congenital Heart Disease: Pathological Characterization At Fetal Autopsy, Marny Fedrigo, Italy

MP-047 Determining The Impact Of Remoteness Of Residence And Lower Socioeconomic Status On Access To Fetal Echocardiography In Saskatchewan, Canada, Timothy Bradley, Canada

MP-048 Cross-Cultural Adaptation Of A Prenatal Counseling Questionnaire For Congenital Heart Disease In Brazil, Luciane Amorim, Brazil

MP-049 Impact Of Maternal Polycystic Ovary Syndrome On The Structure And Function Of The Newborn Heart: A Copenhagen Baby Heart Study, Anna Rathsach Strange, Denmark

MP-050 Impact Of Preterm Birth On Diastolic Function In Newborns, Marie Højgaard Andersen, Denmark

MP-051 Maternal And Fetal Outcomes After The Ross Procedure, Valeria Pergola, Saudi Arabia

MP-052 Newborn Of Diabetic Mother And Hypertrophic Myocardiopathy, Samir Atmani, Morocco

MP-053 Genetic And Cardiac Discordance In Twin Pairs, Nurdan Erol, Turkey

MP-073 Opm-Based Fetal Magnetocardiography: Fetal Cardiac Time Intervals In Healthy Pregnancies Compared To Postnatal ECGs, Karin Narushima, Germany

### Totem 4

#### Session 4 - Clinical Cardiology

**Chairs: Henk Schipper, The Netherlands & Martina Avesani, Italy**

MP-054 Red Cell Distribution Width: A Risk For Mortality In Adult Patients Following Congenital Heart Surgery, Jeenbek Djhakupbekov, Germany

MP-055 Prevalence And Characteristics Of Weight Loss Medication Use Among Adults With Congenital Heart Disease: A Danish Cohort Study, Chee Woon Lim, Denmark

MP-056 Multimodal Deep Learning Model Integrating Chest X-Rays And Clinical Features For Noninvasive Prediction Of Qp/Qs In Children With Congenital Heart Disease, Teruyoshi Shimoyama, Japan

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MP-057 Lessons Learned: Estsblishing Basic Pediatric Cardiology Services In Thakhek, Laos, Ruth Deindl, Germany

MP-058 Patterns Of Congenital Heart Disease And Access To Care Among Children Presenting At Tertiary-Level Hospitals In Rwanda, Providence Akingeneye, Rwanda

MP-059 Pheochromocytoma And It's Cardiovascular Complications In Children, Aikerim Zhanatkyzy, Kazakhstan

MP-060 Prevalence Of Nasopharyngeal Carriage, Serotype Distribution And Antibiotic Susceptibility Of Streptococcus Pneumoniae Among Children With Congenital Heart Disease And Pneumonia, Sanmeet Kaur, India

MP-061 Venous Stiffening Is Compensatory Mechanism Against Compromised Cardiac Reserve In The Children With Congenital Heart Disease - A Novel Marker Of Cardiovascular Remodeling And End Organ Damage, Yu Matsuo, Japan

MP-062 Impact Of Corticosteroid Therapy On Blood Pressure And Autonomic Function In Duchenne Muscular Dystrophy, Madiha Mohammadi, Poland

MP-063 Recurrent Episodes Of Troponinemia And Atypical Chest Pain As An Indication Of A Genetic Substance In A Young Adolescent, Aikaterini Giannakopoulou, Greece

MP-064 Blood, Growth, And Performance: Developmental Hemoglobin Patterns In Competitive Youth Athletes, Sebastian Freiling, Germany

MP-065 Multidimensional Assessment Of Motor Skills, Physical Activity, Wearable Accuracy In Children With Congenital Heart Defects And Chronic Diseases, Christina Sitzberger, Germany

MP-066 Singing As Respiratory Physiotherapy? Breathing-Training Intervention In Congenital Heart Disease: A Pilot Study, Lamia Ait Ali, Italy

MP-067 Dynamic Hyperinflation During Exercise In Patients With Congenital Heart Disease And Healthy Controls - A Cross-Sectional Study, Viktoria Ludwig, Germany

MP-068 Systematic Review On Exercise Prescription In Children With Heart Disease, Arnav Rustogi, United Kingdom

MP-069 The Impact Of Physical Activity Level On Cardiorespiratory Fitness In Patients With Congenital Heart Diseases Across Competitive Sport Classes, Emiliano Scettri, Italy & Gino Degano, Italy

MP-070 Cardiac Recovery, Functional Improvement, And School Reintegration With Elamipretide In Barth Syndrome, Pascal Amedro, United States

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### Session 5 - Intensive Care and NDV

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**Chairs: Bea Latal, Switzerland & Dimpna Calila Albert, Spain**

MP-071 Lifespan Patterns Of Psychosocial Vulnerability In Adults With Congenital Heart Disease: A Mixed-Methods Study, Floor van der Meijs, Netherlands

MP-072 Making The Invisible Visible: Lived Experiences Of Adolescents And Young Adults Enrolled In The Transition-Chd Randomized Trial, Alyssia Venna, United States

MP-074 Knowledge And Attitudes Of Parents Of Children With Congenital Heart Disease, Ageliki Karatza, Greece

MP-075 Brain Volume Development And Aortic Flow Alterations In Fetal Lambs With Induced Hypoplastic Left Heart Syndrome, Nina Odgaard, Switzerland

MP-076 Online Choir Overcomes Geographical Barriers And Fosters Connection Among Children With Congenital Heart Disease, Edythe Tham, Canada

MP-077 When Hearts Get Complicated: How Chd Severity Shapes Emotion Regulation Benefits In Youth, Katya De Groote, Belgium

MP-078 Identifying Autonomy-Supportive Coaching Behaviors In An Executive Function Intervention For Children With Complex Congenital Heart Disease: A Qualitative Analysis, Alenka Schmid, Switzerland

MP-079 Feasibility And Impact Of A Digital Matching Tool For One To One Peer Support For Caregivers And (Young) Adults With Congenital Heart Disease In The Netherlands, Ilse Hornes, Netherlands

MP-080 Prognostic Value Of The Neutrophil-To-Lymphocyte Ratio As A Perioperative Biomarker In Pediatric Cardiac Surgery, Manuela Lopes, Portugal

MP-081 An Exploratory Study Of Landiolol Plus Amiodarone Versus Amiodarone Monotherapy In Paediatric Junctional Ectopic Tachycardia After Surgery, Luz de Maria Sandoval Franco, Germany

MP-082 Angiotensin Ii For Recalcitrant Vasoplegia In A Postoperative Norwood Neonate: Examination Of At-ii Use Cases In The Cardiac Icu, Michael Kim, United States

MP-083 Is Bedside Echoguided Transcatheter Pda Closure An Accepted Therapy?, Dunja Renner, Germany

MP-084 Single Center Outcome Of Patients Undergoing Extracorporeal Membrane Oxygenation After Neonatal Norwood Procedure, Daria Sumbadze, Germany

MP-085 Predictors For Prolonged Intensive Care Unit Stay Following Cardiac Surgery Among Pediatric Patients With Down Syndrome: A Single-Centre Experience, Putri Yubbu, Malaysia

MP-086 Comparative Machine Learning Modeling Of Resting Energy Expenditure Estimation In Mechanically Ventilated Children After Cardiac Surgery, Qinnan Chen, China

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MP-087 Postoperative Thrombosis After Pediatric Cardiac Surgery, Hacer Kamali, Turkey

MP-088 Body & Mind: Holistic Screening And Early Intervention Program For Children And Adolescents Who Have Undergone Cardiac Surgery, Lisa Gebert, Germany

### Totem 6

#### Session 6 - Tronco-Conal Diseases

**Chairs: Gabriele Rinelli, Italy & Inga Voges, Germany**

MP-089 Major Adverse Cardiac Events In A Cohort Of High-Risk Pregnant Women With Tetralogy Of Fallot, Vito Casale, Italy

MP-090 Predictors Of Mortality In Patients With Congenitally Corrected Transposition Of The Great Arteries: A Single-Center Retrospective Study, Imane Boulaoui, Tunisia

MP-091 Management And Outcomes Of Congenitally Corrected Transposition Of The Great Arteries: A Single-Center Experience, Ella Lahmaier, Tunisia

MP-092 Mr T1 And T2 Mapping Of The Heart And Liver In Repaired Tetralogy Of Fallot, Jacob Söderman, Sweden

MP-093 A Study Of The Cardiac Anatomical And Hemodynamic Interplay In A Porcine Model Of Repaired Tetralogy Of Fallot, Anouk Moerdijk, Netherlands

MP-094 Cmr-Derived Left Atrial Function In Congenitally Corrected Transposition Of The Great Arteries: A Marker Of Diastolic Impairment, Maria Felicia Gagliardi, Italy

MP-095 A Comparison Of Three-Dimensional Echocardiography And Cardiac Magnetic Resonance Imaging In The Evaluation Of The Right Ventricle In Patients With Surgically Repaired Tetralogy Of Fallot, Boran Cakan, Turkey

MP-096 Pulmonary Atresia In Congenital Heart Defects: Can We Deduce Embryological Mechanisms From Morphological Phenotype?, Jeanne Mechin, France

MP-097 Tetralogy Of Fallot With Abnormal Coronary Artery: Surgical Management And Long-Term Results, Astrid Monier, France

MP-098 Effect Of Prior Balloon Atrial Septostomy On Mortality Outcomes In Neonates With D-Transposition Of The Great Arteries Undergoing Arterial Switch Surgery: A Systematic Review And Meta-Analysis, Mohammed Ahmed Mohammed, Somalia

MP-099 Long-Term Outcome Of An Arterial Switch Operation In Patients With Taussig-Bing Anomaly, Krzysztof Michalak, Poland

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MP-100 Assessment Of Systemic Right Ventricular Function: Senning Procedure Versus Congenital Corrected Transposition Of The Great Arteries., Valentyna Khanenova, Ukraine

MP-101 „From Prenatal Diagnosis To Heart Transplantation In A 2-Month-Old Infant”, Magdalena Żak, Poland

MP-102 Fetal Mri And Echocardiographic Changes With Acute Maternal Hyperoxygenation In Transposition Of The Great Arteries, Sophie Duignan, United Kingdom

MP-103 A Rare Case Of Transient Left Ventricular Systolic Dysfunction After Percutaneous Venusp-Valve Implantation In A 14-Year-Old Boy With Tetralogy Of Fallot, Dawid Jasiński, Poland

MP-104 Neurodevelopment Outcomes Associated With Changes In Oxygenation In Newborns With Transposition Of The Great Arteries, María Clara Escobar Díaz, Spain

MP-105 When The Neo-Pulmonary Artery Grows Too Far: Left Coronary Compression And Fatal Infarction After Arterial Switch In A Newborn, Chaner Ablachim, Romania

## Modarated E- Poster List

**Friday, May 15, 2026 – 13:15 – 14:15**

### **Totem 1**

#### **Session 7 - Cardiomyopathies**

**Chairs: Colin McMahon, Ireland & Viera Illikova, Slovakia**

MP-106 Pediatric And Adolescent Onset Resuscitated Sudden Cardiac Arrest (Sca) Due To Ventricular Fibrillation In Previously Apparently Healthy Patients: A 10-Year Review From Latvia, Darja Belevica, Latvia

MP-107 Longitudinal Age-Related Changes In Sinus Tachycardia Severity In Pediatric Duchenne Muscular Dystrophy Patients, Magdalena Bazgier, Poland

MP-108 Cardiac Magnetic Resonance T1 Mapping And Late Gadolinium Enhancement Versus Circulating Fibrosis Biomarkers In Patients With Duchenne / Becker Muscular Dystrpophy, Barbara Burkhardt, Switzerland

MP-109 The Therapeutic Effect Of Disopyramide In Children With Obstructive Hypertrophic Cardiomyopathy: A Single-Center Experience., Alicja Tomaszewska, Poland

MP-110 Arrhythmogenic Right Ventricular Cardiomyopathy In Children: A Review Of The Current Literature., Francesca Cairello, Italy

MP-111 Assessment Of The Ecg Markers In Children Treated For Acute Lymphoblastic Leukemia Presenting Significantly Lowered Left Ventricle Global Longitudinal Strain In Echocardiography – Preliminary Results., Julia Haponiuk-Skwarlinska, Poland

MP-112 Paediatric Cardiomyopathies Incidence In Northern Ireland, A National Retrospective Cohort Study, Scott Kendall, United Kingdom

MP-113 Allelic Sarcomeric Variants And Clinical Risk In Hypertrophic Cardiomyopathy, Aino Keskinen, Finland

MP-114 Gm1 Gangliosidosis Presenting With Hypertrophic Cardiomyopathy In Early Infancy: A Diagnostic Pathway Through Metabolic Red Flags, Roxana Rusu, Romania

MP-115 Assessing Dysfunctional Mitochondria In Congenital Cardiomyopathy, Benjamin Adebisi, Nigeria

MP-116 Pediatric Cardiomyopathies: A Retrospective Clinical And Etiological Analysis With Prognostic Implications By Phenotype And Age Of Onset, Cristina Cadonati, Italy

MP-117 From Cardiac Rhabdomyomas To Arrhythmias: Cardiovascular Manifestations Of Tuberous Sclerosis Complex In Children, Maria Botiș, Romania

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MP-118 Epidemiological Trends In Pediatric Acute Myocarditis Before, During, And After The Covid-19 Pandemic, Sofia Loukopoulou, Greece

MP-119 Retrospective Analysis Of General Anaesthetic Risk In Dilated Cardiomyopathy Patients, Wei Shen Cheek, United Kingdom

MP-120 Mitral Valve Repair In Pediatric Dilated Cardiomyopathy With Severe Mitral Valve Regurgitation: A Promising Bridge To Heart Transplant, Maha Binfadel, Saudi Arabia

MP-121 MYBPC3 Variant In Pediatric Hcm: Athlete Case Insights, Cristiana-Ioana Raita, Romania

### **Totem 2**

#### **Session 8 - PAH and Heart Failure**

**Chairs: Håkan Wåhlander, Sweden & Simona Marcora, Italy**

MP-122 Heart Failure In Adults With Congenital Heart Disease: Clinical Features And Prognostic Risk Factors, Lorenzo Pietropaolo, Italy

MP-123 Left Atrial Reservoir Strain As A Non-Invasive Marker Of Filling Pressures In Children With Suspected Pulmonary Hypertension, Mercedes Aristoy, Spain

MP-124 Systolic Dysfunction In Pediatric Patients With Congestive Heart Failure Secondary To Rheumatic Heart Disease In Manitoba, Canada, Oghale Ogedegbe, Canada

MP-125 Deubiquitinating Enzymes Are A New Therapeutic Target For The Correction Of Ischemic-Perfusion Myocardial Injury., Aleksandr Samorodov, Russia

MP-126 When Genetics Shapes The Fate: Neonatal Fatal Cases Of Primary Pulmonary Hypertension, Alexandra Tanasescu Niculae, Spain

MP-127 Single Centre Clinical Experience With Sodium-Glucose Cotransporter-2 Inhibitors In Paediatric Heart Failure, Jana Zemankova, Slovakia

MP-128 13 Years Of Life With An L-Vad: A Rare Case Successfully Bridged To Heart Transplantation After An Extremely Long Waiting Period, Burcugül Karasulu Beci, Turkey

MP-129 Thymectomy During Infancy Is Associated With A Higher Burden Of Infections – A Retrospective Cohort Study Among Heart Transplanted Children., Fatemeh Farahani, Sweden

MP-130 Echocardiographic Right Ventricular Wall Tension In Extremely Preterm Infants With Bronchopulmonary Dysplasia-Associated Pulmonary Hypertension, Melina Winkler, Austria

MP-131 Vars2-Related Mitochondrial Cardiomyopathy With Severe Pulmonary Hypertension: Recovery Following Valine Therapy, Jacob Pak-lam Ho, Hong Kong

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MP-132 Distinct Clinical Phenotypic Presentation Of Heart Failure Across Age In Pediatric Myocarditis, Federica Ferrigno, Italy

MP-133 Iron Deficiency In Paediatric Patients With Heart Failure – Preliminary Study, Filip Baszkowski, Poland

MP-134 Development Of A Flow-Induced Female Pulmonary Arterial Hypertension Model As A Platform For Studying Sex-Specific Disease Mechanisms, Iris Schilthuis, Netherlands

MP-135 Sacubitril/Valsartan In Paediatric Heart Failure: Early Uk Single-Centre Experience, Ceit Jesmont, United Kingdom

MP-136 Epidemiological, Clinical And Pathophysiological Profile Of Pediatric Pulmonary Hypertension: A Single Center Cohort Study, Paola Argiento, Italy

MP-137 Cardiac Magnetic Resonance–Derived Myocardial Strain In Clinically Stable Pediatric Heart Transplant Recipients, Roger Esmel-Vilomara, Spain

### Totem 3

#### Session 9 - Arrhythmias

**Chairs: Andrea Bueno Gomez, Spain & Melina Winkler, Austria**

MP-138 Extended Machine Learning Prediction Of Recurrent Vasovagal Syncope In Children: Incorporating Hemodynamic Parameters, Piotr Wieniawski, Poland

MP-139 Clinical Characteristics And Outcomes Of Idiopathic Ventricular Arrhythmias In Paediatric Patients: A Retrospective Analysis, Marianna Cicenia, Italy

MP-140 Clinical Outcomes Of Catheter Ablation For Atrial Arrhythmias In Adult Congenital Heart Disease Patients, Gianluca Mirizzi, Italy

MP-141 Sinus Rhythm Propagation And Low-Voltage Bridge In Koch's Triangle: How They Relate In Cryoablation Of Atrioventricular Reentry Tachycardia In Children, Francesco Flore, Italy

MP-142 Pacing Therapy In Infants, Small Children And Adolescents, Mina Farag, Germany

MP-143 Accuracy Of The Smart Watch Iecg For Documentation Of Supraventricular Tachycardias In Children, Sophia Klehs, Germany

MP-144 Case Of Successful Thoracoscopic Right Atrial Appendage Resection As An Alternative Surgical Method Of Incessant Atrial Ectopic Tachycardia Treatment, Vitali Kadachkin, Belarus

MP-145 Subcutaneous Implantable Defibrillator: A Reasonable Option For Older Children And Young Adults With Congenital Heart Disease And Inherited Arrhythmias., Ioanna Sofianidou, Greece

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MP-146 Sedation Versus General Anesthesia: Optimizing Electrophysiological Study Outcomes In Pediatric Patients, Hakan Kucuker, Turkey

MP-147 Impact Of Exercise Testing On Screening Eligibility And Vector Quality For The Subcutaneous Implantable Cardioverter-Defibrillator (S-Icd) In A Pediatric Population: A Retrospective Study, Ferran Prats-Domenech, Spain

MP-148 Validation, Lead Optimization, And Diagnostic Yield Of A Sternal Single-Lead Mini-Holter In Pediatric Patients: A Prospective Study., Florian Gross, Germany

MP-149 Neonatal Tachyarrhythmias In A Resource-Limited Setting: A Case Series With Echocardiographic Correlation From Ibadan, Nigeria, Cyprian Umeogaju, United Kingdom

MP-150 Genetic Forms Of Short Pr Interval – Case Series, Cecilia Lazea, Romania

MP-151 Brompton Healthy Hearts - A Physiotherapy Led Exercise Service For Children And Young People With Arrhythmia And Cardiac Devices, Jan Till, United Kingdom

MP-152 Clinical Relevance Of A Cacna1c Variant In A Pediatric Athlete With Qt Prolongation: Implications For Risk Stratification, Reneta Lekova, Bulgaria

### **Totem 4**

#### **Session 10 - Valvular Diseases**

**Chairs: Benjamin Kelly, Denmark & Elettra Pomiato, Italy**

MP-153 Culture-Negative Endocarditis Unmasked By Severe Dental Caries: Rapid Mitral Valve Destruction In A Child, Mateusz Puchalski, Poland

MP-154 The Effectiveness Of Warfarin Home Monitoring For Pediatric Patients With Single Ventricle Physiology And Those With Prosthetic Heart Valves: A Single Centre Retrospective Study, Manasa Ramakrishna, United Kingdom

MP-155 Cardiac Magnetic Resonance Assessment Of Primary Mitral Valve Prolapse In Children, Soultana Kourtidou, Greece

MP-156 Distinguishing Severe From Non-Severe Aortic Valve Regurgitation In Patients With Congenital Aortic Valve Disease: Identifying Discriminative Variables And Development Of A Novel Scoring System, Teresa Lerach, Germany

MP-157 Long-Term Follow-Up And Natural History Of Bicuspid Aortic Valve In Children: A Single-Center Experience, Abdulkadir Babaoğlu, Turkey

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MP-158 Echocardiography-Guided Balloon Valvuloplasty Of Severe Neonatal Aortic Stenosis Without Fluoroscopy, Annalena Hauffe, Germany

MP-159 Normative Mitral Valve Opening Surface Area In Healthy Neonates And Infants And Comparison With Age-Matched Patients With Left-To-Right Shunt Lesions, Nathalie Oeffl, Austria

MP-160 Computational Modelling Of Balloon Valvuloplasty In Infant Aortic Stenosis: Linking Stress Distribution To Divergent Clinical Outcomes, Petru Liuba, Sweden

MP-161 Successful Perinatal Treatment Of Circular Shunt In Fetus With Tricuspid Valve Dysplasia, Tanya Hura, Ukraine

MP-162 Percutaneous Transluminal Balloon Valvoplasty And Surgical Valvotomy Comparative Analysis In Congenital Non-Critical Aortic Valve Stenosis, Ivana Cerovic, Serbia

MP-163 Predictors Of Mortality In Ebstein's Anomaly: A 34-Year Single-Center Experience, Rihab Ben Othman, Tunisia

MP-164 Prediction Of Chronic Left Ventricular Dysfunction After Surgery For Severe Pediatric Aortic Regurgitation, Thomas Salaets, Belgium

MP-165 Critical Aortic Stenosis, Balloon Valvulotomy And Extracorporeal Membrane Oxygenation, Nathan Hahurij, Netherlands

MP-166 Personalizing Warfarin Dose Adjustment In Pediatric Cardiology Using Machine Learning, Sophie Quennelle, France

MP-167 Tricuspid Valve Regurgitation In Children With Congenital Corrected Transposition Of The Great Arteries: Experience Of Treatment, Olena Stohova, Ukraine

### **Totem 5**

#### **Session 11 - Imaging**

**Chairs: Emanuela Valsangiacomo Buchel, Switzerland & Valeria Pergola, Saudi Arabia**

MP-168 Chatbots Vs. Automated Functional Software Vs. Human Assessment Of Left Ventricular Ejection Fraction, Antoine Abdel Massih, Egypt

MP-169 Comparison Between 2d And 3d, Manual And Automated Segmentation Of Fetal Magnetic Resonance Imaging For Fetal Lung Volume Quantification, Paola Franceschi, Italy

MP-170 Stress Perfusion Cardiac Magnetic Resonance Imaging Following Congenital Heart Surgery With Coronary Artery Reimplantation, Ashwin Srivatsav, United States

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- MP-171 Prevalence And Determinants Of Coronary Microvascular Dysfunction In Adolescents After Arterial Switch Surgery, Andrija Pavlović, Serbia
- MP-172 Artificial Intelligence Shortens Acquisition Times In Magnetic Resonance For Ventricular Volume Measurements In Congenital Heart Disease Without Loss Of Quality And Accuracy., Heiko Stern, Germany
- MP-173 Comparative Evaluation Of Cardiac Structure And Functions Among Sga, Aga, And Lga Infant, Ayşe Şimşek, Turkey
- MP-174 Potential Role Of Systemic Right Ventricle Strain In Detecting Early Functional Variation In Pediatric Cctga: A Longitudinal Multimodality Evaluation, Cristina Ciuca, Italy
- MP-175 Maternal Medication Use Patterns Before And During Pregnancy And Cardiac Outcomes In Newborns, Giaan Ninh, Denmark
- MP-176 Multiparametric Evaluation Of Vascular Health And Myocardial Performance In Vertically Hiv-Infected Children, Adolescents And Young Adults On Cart, Mirco Cuccu, Italy
- MP-177 Optimizing Predictors Of Lateral And Septal Mapse For Pediatric Cardiac Assessment, Ritu Amit Chhabria, Poland
- MP-178 Ntracardiac Flow Vortex Analysis In Healthy Children: A Multicenter Pediatric Study, Rosalba De Sarro, Italy
- MP-179 Exploring Learner Experience To Inform Future Improvements In Paediatric Echocardiography Simulation Training For Novice Learners: A Qualitative, Service Evaluation Project, Daniel Geer, United Kingdom
- MP-180 Echocardiography Based Left Ventricular Dimension And Systolic Function Among Severely Malnourished Children When Compared With Normal Children, Demeke Mekonnen, Ethiopia
- MP-181 Early Detection And Monitoring Of Chemotherapy-Induced Cardiotoxicity In Pediatric Patients Using Gls And Standard Echocardiography Parameters: A Single Center Retrospective Study, Sara Pavesi, Italy
- MP-182 Early Detection Of Acute Mountain Sickness Vulnerability: Insights From Exercise Stress Echocardiography Within Hours Of High-Altitude Exposure, Yun Xu, China

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#### Session 12 - Aortic Matters

**Chairs: Gianfranco Butera, Italy & Matthias Sigler, Germany**

MP-183 A Near-Miss Catastrophe In An Adult Long After Coarctation Repair, Giancarlo Scognamiglio, Italy

MP-184 Mediastinal Hemangioma Encasing The Aortic Arch In An Infant With Coarctation Of The Aorta: A Case Report, Andriana Malska, Ukraine

MP-185 The Effect Of Antenatal Screening On The Diagnosis And Management Of Aortic Arch Anomalies, Lindsey Hunter, United Kingdom

MP-186 Aorta Measurements In Different Imaging Modalities – Are The Virtual Reality Software Measurements Accurate?, Michal Kapalka, Poland

MP-187 Features Of The Histological Structure Of Coarctation Segments Of The Aorta As A Prognostic Marker For The Development Of Postoperative Complications, Daria Khapchenkova, Ukraine

MP-188 Outcomes Of Surgery For Vascular Rings And Slings: A 50-Year Single-Centre Experience, Veronica Danco, Germany

MP-189 Biodegradable Aortic Root Support For Reinforced Ross Procedure In Pediatric Patients, Andrea Roberto Calore, Italy

MP-190 Outcomes Of Vascular Ring Resection Without Surgical Intervention On Kommerell's Diverticulum., Steven Bibeovski, United States

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MP-197 Short-Term And Long-Term Outcome Of Transcatheter Intervention For Aortic Coarctation In Pediatric Patients: A Single Centre Experience From Egypt, Shaimaa Rakha, Egypt