

KONGRES AEPC w HAMBURGU – polskie aktywności

Na początek – NAGDODY DLA POLAKÓW

The AEPC cardiac imaging working group has awarded the AEPC 2025 Best Imaging abstract awards.

ORAL PRESENTATIONS WINNERS

1° AI-based Right Ventricular Segmentation in Children With Pulmonary Hypertension – Helene Rosmus (Germany)

2° **A Longitudinal Study of Left Ventricular Systolic Decline Based on Echocardiography in Duchenne Muscular Dystrophy – Jarosław Meyer Szary (Poland)**

3° Quantitative Assessment of Disease Severity in Ebstein's Anomaly by Cardiovascular Magnetic Resonance: From Bench to Bedside – Giulia Pasqualin (Italy)

FLASH TALK WINNERS

1° A Single-Centre Experience With the Molecular Microscope Diagnostic System (MMDx-Heart) in Paediatric Heart Transplant Recipients – Karel Koubský (Czech Republic)

2° **Electrocardiographic QRS Voltages as Independent LVEF Predictors in Duchenne Muscular Dystrophy Patients – Magdalena Bazgier (Poland)**

The best fetal poster abstract for the AEPC 2025 meeting in Hamburg was:

P-093 FETAL INTERATRIAL SEPTUM OPENING – ARE THERE ANY BENEFITS? Joanna Dangel, Agnieszka Grzyb, Adam Koleśnik (Poland)

INVITED SPEAKERS

- **Short QT Syndrome, Maria Miszczak-Knecht, Poland & Maria Cecilia González Corcia, Canada (Centrum Zdrowia Dziecka, Warszawa)**
- **Extracardiac Abnormalities in Heterotaxy, Adam Koleśnik, Poland (Centrum Zdrowia Dziecka, Warszawa)**
- **Fetal Imaging of Heterotaxy Syndromes, Agnieszka Grzyb, Poland (Zakład Kardiologii Perinatalnej i Wad Wrodzonych CMKP, Centrum Zdrowia Dziecka)**
- **Evidence-Based Nutrition in Children with CHD: A Summary of Current Guidelines and Promising Advances. Maciej Kołodziej, Poland (Warszawski Uniwersytet Medyczny)**
- **The Norwood Procedure, Tomasz Mroczek, Poland (Klinika Kardiologii Dziecięcej CMUJ w Krakowie)**

SESSION CHAIRS

Meet the Morphologist

Chairs: Matthias Sigler, Germany & **Nikola Topuzov, Poland (Centrum Zdrowia Dziecka, Warszawa)**

Heterotaxy - A Spectrum of Challenges

Chairs: Monique Jongbloed, The Netherlands & Agnieszka Grzyb, Poland

I po kolei - AKTYWNOŚCI POLAKÓW przedstawione wg afiliacji

I. Centrum Zdrowia Dziecka w Warszawie

PREZENTACJA PRZYPADKU

15:14 – 15:36 DORV Comments, *Rafal Kozon, Poland* & Explantations Following a Case Presentation, *Lucile Houyel, France*

POSTERS

1. E. Płodzień i wsp “**Bosentan Therapy in Post-Fontan Patients: a Retrospective Analysis of Hemodynamic and Clinical Outcomes**”
2. L Sulej i wsp “**Congenital Left Ventricular Aneurysm: a Rare Cause of a Ventricular Arrhythmia In 4-Year-Old – Diagnosis and Surgical Management**”
3. Z. Powichrowska i wsp “**Pediatric Midodrine Use in Protein-Losing Enteropathy Associated with Fontan Circulation: a Retrospective Analysis of Three Cases**”
4. W. Chołopiak i wsp „**MRI Safety In Children With Functioning Epicardial Leads - a Case Series**”

II. Zakład Kardiologii Perinatalnej i Wad Wrodzonych, Centrum Medycznego Kształcenia Podyplomowego w Warszawie

POSTERS

J. Dangel, A. Grzyb, A. Koleśnik. Fetal interatrial opening - are there any benefits ?
I NAGRODA W SESJI PLAKATÓW PŁODOWYCH

III. Klinika Kardiologii Wieku Dziecięcego i Pediatrii Ogólnej Warszawskiego Uniwersytetu Medycznego

FLASH – TALK: ORAL PRESENTATION

- Halszka Kamińska, Julia Haponiuk-Skwarlińska, Bożena Werner. **Three-dimensional strain for left ventricular function assessment in children after successful ventricular septal defect repair**

IV. **Katedra i Klinika Kardiologii Dziecięcej i Wad Wrodzonych Serca Gdańskiego Uniwersytetu Medycznego.**

ORAL PRESENTATION

- Jarosław Meyer Szary¹, Magdalena Bazgier¹, Karolina Śledzińska², Jolanta Wierzba², Joanna Kwiatkowska¹

¹Department of Paediatric Cardiology and Congenital Heart Defects, Medical University of Gdansk, Gdansk, Poland

²Department of Internal and Pediatric Nursing, Faculty of Health Sciences with Institute of Maritime and Tropical Medicine, Medical University of Gdansk, Gdansk, Poland

A longitudinal study of LV systolic decline based on echocardiography in Duchenne Muscular dystrophy (*Druga nagroda przyznana przez IMAGING WG za najlepszą ustną prezentację*)

- Jarosław Meyer Szary¹, Magdalena Bazgier¹, Karolina Śledzińska², Jolanta Wierzba², Joanna Kwiatkowska¹

¹Department of Paediatric Cardiology and Congenital Heart Defects, Medical University of Gdansk, Gdansk, Poland

²Department of Internal and Pediatric Nursing, Faculty of Health Sciences with Institute of Maritime and Tropical Medicine, Medical University of Gdansk, Gdansk, Poland

Duchenne Muscular dystrophy cardiomyopathy – a longitudinal study of LV echocardiographic indices, z-scores and systolic dysfunction progression

ORAL PRESENTATION – FLASH TALK

- Magdalena Bazgier¹, Patryk Macuk¹, Karolina Śledzińska², Jolanta Wierzba², Joanna Kwiatkowska¹, Jarosław Meyer Szary¹

¹Department of Paediatric Cardiology and Congenital Heart Defects, Medical University of Gdansk, Gdansk, Poland

²Division of Internal and Pediatric Nursing, Faculty of Health Sciences with the Institute of Maritime and Tropical Medicine, Medical University of Gdansk, Poland

Electrocardiographic QRS voltages as independent LVEF predictors in Duchenne muscular dystrophy patients. (*Druga nagroda przyznana przez IMAGING WG za najlepszą prezentację FLASH SCORE*)

- Magdalena Bazgier¹, Patryk Macuk¹, Karolina Śledzińska², Jolanta Wierzba², Joanna Kwiatkowska¹, Jarosław Meyer Szary¹

1Department of Paediatric Cardiology and Congenital Heart Defects, Medical University of Gdansk, Gdansk, Poland

2Division of Internal and Pediatric Nursing, Faculty of Health Sciences with the Institute of Maritime and Tropical Medicine, Medical University of Gdansk, Poland

Predictive value of QRS fragmentation in resting 12-lead ECG in pediatric Duchenne muscular dystrophy patients

- Joanna Kwiatkowska i wsp. The latest update on epidemiological data from BNP-PL registry – children and adolescents with pulmonary arterial hypertension



The latest update on epidemiological data from the BNP-PL registry – children and adolescents with pulmonary arterial hypertension.

Joanna Kwiatkowska¹, Jacek Kusa², Małgorzata Żuk³, Rafał Surmacz⁴, Elżbieta Skiba², Paweł Cześniewicz², Joanna Płonka⁵, Paweł Banaszak⁶, Agata Michalczyk⁶, Katarzyna Ostrowska⁷, Ewa Smereczyńska⁸, Joanna Młodawska⁷, Olga Szot¹, Marcin Waligóra⁹, Grzegorz Kopec¹⁰

POSTERS

- Rosaria J. Ferreira¹, Olga Szot², G. van Hassel¹, C. Lokhorst¹, T. P. Willems³, J. Kwiatkowska², J. M. Douwes¹, R. M. F. Berger¹

1. Center for Congenital Heart Diseases, Department of Pediatric Cardiology, Beatrix Children's Hospital, University Medical Center Groningen, University of Groningen, The Netherlands

2. Department of Pediatric Cardiology and Congenital Heart Defects, Medical University of Gdansk

3. Center for Radiology, University of Groningen, University Medical Center Groningen, Groningen, Netherlands

Non-Invasive Quantification of the Pulmonary Arterial Bed Through CTA Strongly Predicts Invasive Hemodynamics in Pediatric Idiopathic Pulmonary Arterial Hypertension.

- Patryk Macuk, Magdalena Bazgier, Jarosław Meyer-szary, Joanna Kwiatkowska

Exercise tolerance in pediatric population of patients with syncope undergoing treadmill stress-testing

- V. Klinika Kardiologii Dziecięcej Górnośląskiego Centrum Zdrowia Dziecka w Katowicach**

ORAL PRESENTATION

- Krzysztof Kocot. **Assessment of respiratory function in Fontan patients - a pilot study**

ORAL PRESENTATION – FLASH TALK

- Jacek Kusa, Results of Percutaneous Treatment of Sequelae of Cardiac Surgery for Pulmonary Atresia with VSD and MAPCAs