

Meeting in Krakow



Funded by the European Union

ORGANISED BY

Jagiellonian University
Medical College



JAGIELLONIAN UNIVERSITY
MEDICAL COLLEGE

IN COLLABORATION WITH



Polish Society of
Hypertension



University
Children's Hospital



Polish Society of
Childhood Obesity



Polish Society of
Paediatric Nephrology

CONFERENCE IN KRAKOW

*Early prevention of cardiometabolic
risk factors*

September 22-24, 2022



Polish Pediatric
Society Krakow



SEPTEMBER 22 THURSDAY

(ONLY FOR HYPERCHILDNET MC MEMBERS)

10.00-12.00 Management Committee Meeting

12.00-12.30 Coffee break

12.30-13.10 Progress of the Virtual Mobilities

- WG1. Athanasia Chainoglou
- WG2. José Miguel Calderon Terol
- WG2. Gustav Svardhagen
- WG3. Joanna Sladowska-Kozłowska
- WG4. Julio Alvarez Pitti
- WG5. Elke Wühl
- WG5. Murat Karademir
- WG5. Vladimir Zimmerman

13.10-14.30 Lunch time

14.30-16.00 European HyperChildNET Week. Moderated by Prof Serap Erdine and Mr Murat Karademir

(OPEN SESSIONS)

16.00-16.45 Opening of the Conference Early prevention of cardiometabolic risk factors

- Welcome. Prof Empar Lurbe and Prof Dorota Drozd.
- White coat and masked hypertension – impact on CVD in adults. Katarzyna Stolarz-Skrzypek

SEPTEMBER 23 FRIDAY

(OPEN SESSIONS)

CONFERENCE DAY 1

Session 1. Novel insights and technologies

09.00-09.20 Blood Pressure measurements in adults. Progression of knowledge and persisting gaps. Prof Giuseppe Mancía

09.20-09.40 Precision Medicine with a focus on biomarkers and machine learning. Prof Anna Dominiczak

09.40-10.00 Building international networks for BP research in children and adolescents: HyperChildNET. Prof Empar Lurbe

10.00-10.15 Open debate

Session 2. Prevention

10.15-10.30 Hypertension in obese children. Prof Tomas Seeman

10.30-10.45 How to prescribe physical activity in children with cardiovascular risk: obesity, hypertension. Dr Julio Alvarez

10.45-11.00 Treatment of childhood obesity as a prevention of hypertension. Dr Malgorzata Wojcik

11.00-11.15 Non-pharmacological treatment of adolescent hypertension. Prof Denes Pall

11.15-11.30 Open debate

11.30-12.00 Coffee break

Session 3: References and screening.

12.00-12.15 High-normal BP in adolescence - risk and importance. Dr Vesna Herceg-Cavrak



SEPTEMBER 24 SATURDAY

(OPEN SESSIONS)

CONFERENCE DAY 2

Session 6. Neonatal conditions increasing BP

09.30-09.45 The role of the prenatal period in the development of obesity and hypertension in children. Prof Artur Mazur

09.45-10.00 Hypertension in neonates. Prof Przemko Kwinta

10.00-10.15 Epigenetics and early life strategies to prevent obesity. Prof Rosita Gabbianelli

10.15-10.30 Adults remember their birth weight, an important item of information for cardiovascular disease risk stratification. Dr Giacomo Simonetti

10.30-10.45 Open debate

Session 5. Methodology & devices

15.15-15.30 New devices validation. Prof Stella Stabouli

15.30-15.45 The path towards continuous non-invasive blood pressure measurement. Application to infant population. Prof Javier Calpe

15.45-16.00 Methodology of BP measurement using different Devices. Dr Athanasia Chainoglou

16.00-16.15 Correct measurements and accuracy of BPM, the manufacturer's point of view. Dr Karel Herberigs

16.15 -16.30 Open debate

12.15-12.30 New reference values. Prof Elke Wühl

12.30-12.45 Differences in cardiovascular risk for girls and boys. Anette Melk

12.45-13.00 Open debate

13.00-14.15 Lunch time

Session 4. Diet and physical activity - new directions

14.15-14.30 How to evaluate the physical fitness in children and adolescents. Dr Michał Brzezinski

14.30-14.45 Bariatric surgery and blood pressure. Prof Paweł Matusik

14.45-15.00 Future Perspectives in the Management of Resistant Hypertension. Prof Serap Erdine

15.00-15.15 Open debate



Session 7. Organ damage

10.45-11.05 The role of perivascular fat cells. Prof Tomasz Guzik

11.05-11.20 Early vascular aging. Prof Mieczysław Litwin

11.20-11.35 Arterial stiffness in the children and adolescents: predictor and reflection of blood pressure. Prof Šekib Sokolović

11.35-11.50 LVH and adverse remodelling in primary hypertension. Dr Manish Sinha

11.50-12.05 Open debate

12.05-12.30 Coffe break

Session 8. Fatal outcome of High BP

12.30-12.45 Hypertensive crisis. Augustina Jankauskiene

12.45-13.00 Endothelial dysfunction and cardiovascular risk. Prof Dorota Drozd

13.00-13.10 Stroke and hypertension case reports

13.10-13.20 European survey of BP monitoring. Dr Fabiana Raynal

13.20-13.35 Open debate

13.35-13.45 Closing remarks. Prof Dorota Drozd & Prof Empar Lurbe

PARTICIPATION

The sessions are open to professionals affiliated (with labour contract, grant contract, collaboration contract, etc) to research or innovation organisations (institutions or companies).

The participation is free of charge.

The event is hybrid, so allowing in person or virtual participation.

MEETING VENUE

The meeting will take place at Świętej Anny 12, Jagiellonian University Medical College, Kraków (Poland)

WOULD YOU LIKE TO ATTEND?

Please register [here](#)

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Funded by the
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HyperChildNET
COST Action

HyperChildNET is a COST Action (CA 19115) aimed at establishing a European sustainable and multidisciplinary network focused on acquiring a holistic understanding of the factors affecting high blood pressure in children in order to propose and implement corrective and preventive actions both globally and locally.

HyperChildNET is funded by
COST.

www.hyperchildnet.eu

COST (European Cooperation in Science and Technology) is a funding agency for research and innovation networks.

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