

Tomas Bata University in Zlín, Faculty of Humanities,
Department of Health Care Sciences
Catholic University in Ružomberok, Faculty of Health Sciences
Andrzej Frycz Modrzewski Krakow University, Medical College,
Faculty of Health Sciences
Faculty of Medicine
Wroclaw Medical University, Faculty of Nursing and Obstetrics

You are cordially invited to the international conference

Family – Health – Disease

Date: October 10, 2024

The conference is held under the auspices
of dean of the Faculty of Humanities at Tomas Bata University in Zlín
Mgr. Libor Marek, Ph.D.,

dean of the Faculty of Health Sciences of the Catholic University in Ružomberok
prof. MUDr. Anton Lacko, CSc.,

dean of the Faculty of Health Sciences, Andrzej Frycz Modrzewski Krakow University
prof. Grażyna Dębska, PhD,

dean of the Faculty of Medicine, Andrzej Frycz Modrzewski Krakow University
prof. Janusz Ligęza, PhD,

dean of the Faculty of Nursing and Obstetrics of Wroclaw Medical University
prof. Izabella Uchmanowicz, PhD.

**The conference is intended especially for general nurses, practical nurses,
pediatric nurses, midwives, health and social workers, physiotherapists,
occupational therapists, students and teaching staff in non-medical health fields,
but also everyone who is interested in this issue.**

Scientific guarantors of the conference:

prof. PhDr. Mgr. Helena Kadučáková, PhD. (SK)

PhDr. Anna Krátká, Ph.D. (CZ)

prof. Grażyna Dębska, RN, PhD (PL)

Mariola Seń, RN, PhD (PL)

Scientific committee:

prof. dr hab. n. med. Filip Gołkowski (PL)

doc. PhDr. Jozef Babečka, PhD. (SK)

prof. RNDr. Jaroslava Pavelková, CSc. (CZ)

prof. dr hab. Irena Milaniak, RN (PL)

prof. dr hab. Lucyna Tomaszek, RN (PL)

Mgr. Jitka Hůsková, Ph.D. (CZ)

Iwona Klisowska, RN, PhD (PL)

PhDr. Lukáš Kober, PhD., MPH (SK)

PhDr. Anna Krátká, Ph.D. (CZ)

Paulina Kurlito, RN, PhD (PL)

PhDr. Bc. Eva Moraučíková, PhD. (SK)

dr hab. Anna Rozensztrauch, RN, PhD (PL)

Mariola Seń, RN, PhD (PL)

PhDr. Mgr. Petr Snopek, PhD., MBA (CZ)

Mgr. Věra Vránová, Ph.D. (CZ)

Organizational committee:

PhDr. Anna Krátká, Ph.D. (CZ)

PhDr. Pavla Kudlová, PhD. (CZ)

PhDr. Michaela Schneider, Ph.D., MBA (CZ)

PhDr. Mgr. Petr Snopek, PhD., MBA (CZ)

PhDr. Mgr. Michaela Hořstetrová Knotková (CZ)

Mgr. Jitka Hůsková, Ph.D. (CZ)

Mgr. Věra Vránová, Ph.D. (CZ)

Mgr. Petr Zemánek, Ph.D. (CZ)

Mgr. Romana Divošová (CZ)

Mgr. Marcela Dolejšová (CZ)

Mgr. Andrea Hoffmannová (CZ)

Mgr. Sylvie Chvatíková (CZ)

Mgr. Dagmar Pilíková (CZ)

Mgr. Silvie Svobodová (CZ)

Mgr. Eva Šalenová (CZ)

Mgr. Lenka Vrlová, DiS. (CZ)

Mgr. Michaela Zichová (CZ)

Mgr. Valérie Sýkorová (CZ)

Ing. Jan Kolek (CZ)

Professional patronage:

The conference is included in the system for evaluating participation in professional events of the Pedagogical Section of The Czech Association of Nurses (ČAS) under registration number ČAS/361/2024.



Conference program

October 10, 2024

9:00–9:35 U18/106	<i>Ceremonial opening of the conference</i>
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Mgr. Libor Marek, Ph.D.

dean of the Faculty of Humanities at Tomas Bata University in Zlín (CZ)

prof. PhDr. Mgr. Helena Kadučáková, PhD.

Scientific guarantors of the conference, the Faculty of Health Sciences of the Catholic University in Ružomberok (SK)

prof., dr hab. Irena Milaniak, RN, PhD

Andrzej Frycz Modrzewski Krakow University, Faculty of Health Sciences (PL)

Mariola Seń, RN, PhD

Faculty of Nursing and Obstetrics of Wroclaw Medical University (PL)

Mgr. Alice Strnadová, MBA

Director of the Department of Nursing and Non-Medical Professions, Ministry of Health of the Czech Republic (CZ)

9:35–10:35 U18/106	<i>Introductory lectures</i> <i>Mgr. Libor Marek, Ph.D.; prof. PhDr. Mgr. Helena Kadučáková, PhD.; prof. dr hab. Irena Milaniak, RN, PhD; Mgr. Věra Vránová, Ph.D.</i>
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9:35–9:45

Family Yesterday and Today

Věra Vránová

Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ)

9:45–9:55

Pro-population Measures - the Way to Increase the Birth Rate

Viera Simočková; Helena Kadučáková

Catholic University in Ružomberok, Faculty of Health Sciences (SK)

9:55–10:05

Caregiver Burden in Post Left Ventricular Assist Device Patients

Irena Milaniak¹; Emilia Witkowska²; Grażyna Dębska¹

¹Andrzej Frycz Modrzewski, Krakow University, Faculty of Health Sciences (PL); ²Clinical Department of Heart, Vascular and Transplant Surgery, Krakow Specialist Hospital Saint John Paul II, Krakow (PL)

10:05–10:15

Nutritional Status of Chronically Ill Children in the Home Environment

Helena Kadučáková^{1,2}; Marcela Ižová¹

¹Catholic University in Ružomberok, Faculty of Health Sciences (SK); ²Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ)

10:15–10:30

Discussion

10:30–10:50

Coffee break

10:50–11:50 U18/106	Block of lectures 1 <i>PhDr. Mgr. Petr Snopek, PhD., MBA; PhDr. Bc. Eva Moraučková, PhD.; Mariola Seń, RN, PhD</i>
10:50–11:00	Project Move as an Example of a Remote Course Aimed at Improving Competencies in Movement Analysis and Intercultural Communication <i>Joanna Golec¹; Agnieszka Kreska-Korus²; Teresa Gniewek²; Agata Milert³</i> ¹ Department of Rehabilitation in Traumatology, Clinical Rehabilitation Institute, University of Physical Education in Krakow (PL); ² Department of Kinesiotherapy, Institute of Applied Sciences, University of Physical Education in Krakow (PL); ³ Department of Physical Medicine and Biological Recovery, Institute of Applied Sciences University of Physical Education in Krakow (PL)
11:00–11:10	Teens' Energy Drink Eating Habits <i>Marzena Zołoteńka-Synowiec</i> University of Applied Sciences in Nysa, Faculty of Health Sciences and Physical Culture, Dietetics, Nysa (PL)
11:10–11:20	Sleep Deprivation and its Consequences <i>Eva Šalenová^{1,2}</i> ¹ University of Presov, Faculty of Orthodox Theology (SK); ² Tomas Bata University in Zlín, Faculty of Humanities (CZ)
11:20–11:30	Determinants Affecting the Sleep of Patients in a Standard Hospital Ward <i>Hana Locihová^{1,2}; Darja Jarošová¹; Karolína Šrámková³; Jana Slonková³; Renáta Zoubková¹; Klára Maternová⁴; Karel Šonka⁵</i> ¹ University of Ostrava, Faculty of Medicine, Department of Anesthesiology, Resuscitation and Intensive Care of Medicine; ² University of Ostrava, Faculty of Medicine, Institute of Nursing and Midwifery (CZ); ³ Department of Neurology, University Hospital Ostrava (CZ); ⁴ General University Hospital in Prague, II. Surgical clinic - cardiovascular surgery (CZ); ⁵ Charles University, 1st Faculty of Medicine, General Faculty Hospital in Prague, Department of Neurology and Center for Clinical Neurosciences (CZ)
11:30–11:40	Family Friendly Nursing Unit, Specifically the Open Visit Policy in Hospitals <i>Petr Snopek^{1,2}</i> ¹ Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ); ² Regional Hospital T. Bati (CZ)
11:40–11:50	Discussion
11:50–12:40	Lunch
12:40–13:00 Foyer	Poster presentation <i>Mgr. Dagmar Pilíková; Mgr. Andrea Hoffmannová; Mariola Seń, RN, PhD</i>

13:00–15:00 U18/106	Block of lectures 2 <i>prof. dr hab. Lucyna Tomaszek, RN; Mgr. Jitka Hůsková, Ph.D.; PhDr. Marcela Ižová, PhD</i>
13:00–13:10	A Review of Quality of Life Assessment Tools for Parkinson’s Disease Patients with a DBS (Deep Brain Stimulation) Aspect <i>Šárka Šaňáková; Ivana Fryčová</i> <i>Palacký University in Olomouc, Faculty of Health Sciences, Department of Nursing (CZ)</i>
13:10–13:20	Nutrition of Senior at Risk of Malnutrition from the Perspective of the Nurses <i>Marcela Ižová; Helena Kadučáková; Martina Macíková Poláčková</i> <i>Catholic University in Ružomberok, Faculty of Health Sciences (SK)</i>
13:20–13:30	Education and Rehabilitation Treatment of Patients with Vertebrogenic Disease <i>Ivana Aštaryová; Jozef Kobela; Zuzana Hudáková</i> <i>Catholic University in Ružomberok, Faculty of Health Sciences (SK)</i>
13:30–13:40	The Magnitude of External Fall-inducing Forces in Subjects Using the Dream Motion Exoskeleton Prototype in Static Body Positions <i>Piotr Woźniak; Rafał Gnat; Anna Gogola</i> <i>Doctoral School of Physical Culture Sciences at the Bronisław Czech Academy of Physical Education in Krakow (PL)</i>
13:40–13:50	Factors Influencing the Information Support Provided by Health Care Professionals to Patients in a Dialysis Centre Regarding Kidney Transplantation: A Cross-Sectional Study <i>Paulina Kurlito¹; Lucyna Tomaszek^{1,2}; Irena Milaniak¹; Grażyna Dębska¹; Edyta Turkanik¹</i> <i>¹Andrzej Modrzewski Krakow University, Faculty of Health Sciences (PL); ²Institute of Tuberculosis and Lung Diseases, Rabka-Zdrój Branch, Rabka-Zdrój (PL)</i>
13:50–14:00	Pain Assessment in Elderly People Diagnosed with Dementia <i>Jana Konečná</i> <i>Palacký University in Olomouc, Faculty of Health Sciences, Department of Nursing (CZ)</i>
14:00–14:10	The Impact of Training with the Use of the Luna EMG Robot on Balance, Muscle Strength and Range of Motion of the Knee Joint in Patient after Ischemic Stroke <i>Iwona Sihinkiewicz¹; Joanna Golec²; Piotr Golec⁴; Elżbieta Szczygieł²</i> <i>¹Andrzej Frycz Modrzewski Krakow University, Medical College, Faculty of Medicine and Health Sciences (PL); ²Department of Rehabilitation in Traumatology, Clinical Rehabilitation Institute, University of Physical Education in Krakow (PL); ³Academy of Applied Sciences Nowy Sącz (PL); ⁴Individual Medical Practice, Kraków (PL)</i>
14:10 – 14:20	Evaluating the Co-occurrence of Malocclusion with Postural and Foot Pressure Disorders: An Interdisciplinary Analysis Using Advanced Diagnostic Tools <i>Monika Nowak; Joanna Golec; Aneta Wieczorek</i> <i>Faculty of Medicine and Health Sciences, Andrzej Frycz Modrzewski Krakow University, Kraków, (PL); Institute of Clinical Rehabilitation, University School of Physical Education in Krakow (PL); Department of Prosthodontics and Orthodontics, Faculty of Medicine, Jagiellonian University Medical College, Kraków (PL)</i>
14:20 – 14:40	Discussion
14:40 – 15:00	Coffee Break

13:00–15:10 U18/108	Block of lectures 3 <i>prof. RNDr. Jaroslava Pavelková, CSc.; doc. PhDr. Jozef Babečka, PhD.; PhDr. Katarína Zrubáková, PhD.</i>
13:00–13:10	Faculty of Health Sciences of the Catholic University in Ružomberok <i>Jozef Babečka</i> <i>Catholic University in Ružomberok, Faculty of Health Sciences (SK)</i>
13:10–13:20	The Contribution of the Profession of the Health and Social Worker in the Practice of the Czech Republic <i>Jaroslava Pavelková; Michaela Zichová</i> <i>Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ)</i>
13:20–13:30	Nursing Students' View of Practical Teaching and Mentoring <i>Mária Popovičová</i> <i>Catholic University in Ružomberok, Faculty of Health Sciences (SK)</i>
13:30–13:40	The Assessment of Nursing Workload <i>Mária Lehotská¹; Jozef Babečka¹; Eva Moraučíková¹; Viera Simočková¹; Lukáš Kober¹; Zuzana Hudáková¹; Katalina Papp²; Vlasta Dvořáková³</i> ¹ <i>Catholic University in Ružomberok, Faculty of Health Sciences (SK);</i> ² <i>University of Debrecen (HU);</i> ³ <i>College of Polytechnics Jihlava (CZ)</i>
13:40–13:50	The Relationship between Self-respect Stress Perception and Coping in Nursing Students <i>Andrea Solgajová^{1,2}; Dominika Kohanová¹; Vladimír Siska³</i> ¹ <i>Constantine Philosopher University in Nitra, Faculty of Social Sciences and Health (SK);</i> ² <i>Tomas Bata University in Zlín, Faculty of Humanities (CZ);</i> ³ <i>Slovak Health University, Faculty of Nursing and Medical Professional Studies (SK)</i>
13:50–14:00	Identification of Key Competencies of Midwives in the Czech Republic <i>Markéta Moravcová; Helena Poláčková</i> <i>University of Pardubice, Faculty of Health Studies, Pardubice (CZ)</i>
14:00 – 14:10	Knowledge of Cardiopulmonary Resuscitation Providing in Study Programmes of the Faculty of Humanities, Tomas Bata University in Zlín <i>Petr Zemánek</i> <i>Tomas Bata University in Zlín, Faculty of Humanities (CZ)</i>
14:10–14:20	Utilization of Nursing Students' Knowledge in Orientation Evaluation of ECG in Family Care <i>Vladimír Bergl^{1,2}</i> ¹ <i>Alexander Dubček University of Trenčín, Faculty of Healthcare (SK);</i> ² <i>Secondary Nursing School and Higher Professional Nursing School in Žďár nad Sázavou (CZ)</i>
14:20–14:30	The Use of Phone Apps in Cognitive-behavioural Therapy Introduction <i>Luba Ślórsarz; Magdalena Kazimierska-Zajac</i> <i>Wroclaw Medical University (PL)</i>
14:30–14:40	Senior Citizen Education in the Field of Health through ICT <i>Jana Kutnohorská¹; Zdenka Telnarová²</i> ¹ <i>Charles University, Medical Faculty in Hradec Králové, Department of Non-medical Studies, Hradec Králové (CZ);</i> ² <i>University of Ostrava, Faculty of Science, Department of Informatics and Computers, Ostrava (CZ)</i>

14:40–14:50 **Discussion**

14:50–15:10 **Coffee Break**

15:10–16:25 U18/106	Block of lectures 4 <i>doc. PhDr. Andrea Solgajová, PhD.; PhDr. Michaela Schneider, Ph.D., MBA; PhDr. Lukáš Kober, PhD., MPH</i>
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15:10–15:20 **Monitoring the Functional Status as a Means of Preventing Complications in Geriatric Patients**
Katarína Zrubáková¹; Mária Lehotská¹; Irena Kamanová²; Lenka Štefáková²; Soňa Kajúchová³
¹Catholic University in Ružomberok, Faculty of Health Sciences (SK); Catholic University in Ružomberok, Faculty of Education (SK); ³Central Military Hospital SNU-FH Ružomberok, Department of long-term patients (SK)

15:20–15:30 **Assessing the Dignity of the Cancer Patient**
¹Sylvie Chvatíková; ²Helena Kisvetrová
¹Palacký University in Olomouc, Faculty of Health Sciences, Department of Nursing (CZ); ²Palacký University in Olomouc, Faculty of Health Sciences, Science and Research Centre (CZ)

15:30–15:40 **The Way from the Founding of PAHOP to the Present**
Michaela Schneider ^{1,2}; Helena Schwarczová ¹
¹PAHOP, Institute of Palliative and Hospice care, z. ú. (CZ); ²Tomas Bata University in Zlín, Faculty of Humanities (CZ)

15:40–15:50 **Multidisciplinary Collaboration of Experts from Tomas Bata University in Zlín in Paediatric Palliative Care**
Michaela Hofštetrová Knotková; Michaela Schneider
Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ)

15:50–16:00 **Palliative Care at the End of Life or a Good Life until the End**
Anna Krátká ^{1,2}; Helena Nováková ²
¹Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ); ²Home for the Elderly Burešov, o.p., Zlín (CZ)

16:00–16:10 **Terminal Patient in Homecare**
Silvie Svobodová, Barbora Tomšů
University of Presov, Faculty of Orthodox Theology (SK)

16:10–16:30 **Diskuse k příspěvkům**

Foyer	Poster presentation <i>Mgr. Dagmar Pilíková; Mgr. Andrea Hoffmannová; Mariola Seń, RN, PhD</i>
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Conference Family - Health - Disease as Tradition

Anna Krátká

Tomas Bata University in Zlín, Faculty of Humanities, Department of Health Care Sciences (CZ)

Adherence to Hand Hygiene Principles in the Intensive Care Unit

Eva Moraučíková^{1,2}

¹ Tomas Bata University in Zlín, Faculty of Humanities (CZ); ² Catholic University in Ružomberok, Faculty of Health Sciences (SK)

Interventions of Nurses in the Promotion of Health Literacy

Mariana Magerčiaková; Katarína Zrubáková

Catholic University in Ružomberok, Faculty of Health Sciences (SK)

Activities of Nurses in Home Health Care

Silvie Svobodová; Barbora Tomšů

University of Presov, Faculty of Orthodox Theology (SK)

Peculiarities of Nurses' Communication in the Care of an Oncology Patient

Mária Novyzedláková; Katarína Zrubáková; Eva Moraučíková

Catholic University in Ružomberok, Faculty of Health Sciences (SK)

Patient Care at Home after Hip Replacement Surgery

Iwona Klisowska; Mariola Seń; Karolina Konarska Szwed

Medical University of Wroclaw, Department of Paediatrics and Coordinated Child Care (PL)

Nutritional Knowledge of Adolescents Regarding Energy Drinks

Katarzyna Drabczyk

University of Applied Sciences in Nysa (PL)

Health Behaviour and Prevalence of Risk Factors vs. Severity of Urinary Incontinence in Women According to Age

Mariola Seń; Dominika Myszak; Iwona Klisowska; Barbara Grabowska

Medical University of Wroclaw, Department of Paediatrics and Coordinated Child Care (PL)

Effect of Nordic Walking with FATmax Intensity on Adipocytokines Level and Lipid Profile in Women with Metabolic Disorders and Visceral Obesity

Malgorzata Kantorowicz¹; Jadwiga Szymura²; Zbigniew Szygula³; Justyna Kusmierczyk⁴; Marcin Maciejczyk⁴; Magdalena Wiecek⁴

¹ Medical Institute, University of Applied Sciences in Nowy Targ (PL); ² Department of Clinical Rehabilitation, Faculty of Motor Rehabilitation, University of Physical Education in Krakow (PL); ³ Institute of Biomedical Sciences, Faculty of Physical Education and Sport, University of Physical Education in Krakow (PL); ⁴ Department of Physiology and Biochemistry, Faculty of Physical Education and Sport, University of Physical Education in Krakow (PL)

The Opinions of Individuals with Clinical Depression Regarding Social Support from their Family and Others

Agnieszka Lintowska; Patrycja Szymczak

Wroclaw Medical University (PL)

The Impact of Manual Diagram Therapy on Pelvic Floor Muscle Function in Young, Healthy Women

Joanna Balicka-Bom¹; Joanna Golec²; Sara Gamrot²; Monika Nowak²

¹ Andrzej Frycz Modrzewski Krakow University (PL); ² University of Physical Education in Krakow, Motor Rehabilitation Department, Clinical Rehabilitation Division (PL)

Instruments for the Assessment of the Effectiveness of Breast-feeding

Lenka Vrlová¹; Iveta Ospalíková¹; Ľudmila Matulníková²

¹ Palacký University in Olomouc, Faculty of Health Sciences, Department of Nursing (CZ); ² St. Elizabeth University of Health and Social Work, Department of Health Sciences, Bratislava (SK)

Health Behavior of Adolescents and their Parents

Barbara Grabowska, Klaudia Błażejewska, Mariola Seń, Luba Ślósarz
Medical University of Wrocław (PL)

The Effect of Vibration Therapy on the Thyroid Function in Female Voice Professionals

Justyna Filipowicz; Joanna Golec; Monika Nowak; Wojciech Wysocki
Faculty of Medicine and Health Sciences, Andrzej Frycz Modrzewski Krakow University and Institute of Clinical Rehabilitation, University of Physical Education in Krakow (PL)

Professionalization of Lactation Consultant Practice

Adéla Švestková¹; Ludmila Matulníková²
¹Palacký University in Olomouc, Faculty of Health Sciences, Department of Nursing (CZ); ²St. Elizabeth University of Health and Social Work, Department of Health Sciences, Bratislava (SK)

Implementation and Use of Multimedia Tools in the Subject of Anatomy for Students of Non-medical Study Programs

Botíková Andrea; Alena Dziacka; Mojmír Kasalický
University of Trnava in Trnava, Faculty of Health and Social Work, Department of Nursing (SK)

Sarcopenia and its Influence on the Development of Frailty Syndrome

Eva Tomíková; Miriam Kuricová; Oľga Kabátová
University of Trnava in Trnava, Faculty of Health and Social Work, Department of Nursing (SK)

Evaluation of Psychomotor Development in Children Treated with Therapeutic Hypothermia

Aneta Kubisa; Anna Rozensztrauch
Wrocław Medical University (PL)

Cardiac Malformation associated with esophageal atresia

Anna Rozensztrauch
Wrocław Medical University (PL)

Quality of life among patients with multiple sclerosis- relationships to level of illness acceptance, optimism and health behaviours

Aleksandra Kołtuniuk; Karolina Niezgoda; Anna Bizoń; Justyna Chojdal - Łukasiewicz
Wrocław Medical University (PL)

16:30
U18/106

Conclusion of the Conference

Mgr. Věra Vránová, Ph.D.; prof. PhDr. Mgr. Helena Kadučáková, PhD.;
prof. dr hab. Irena Milaniak, RN, PhD; Mariola Seń, RN, PhD

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