



Rzeszow International
Medical Students'
Association
26-28th May 2023

LIST OF THE SESSION:

- 1. Anesthesiology and intensive care**
- 2. Cardiology**
- 3. Genetics**
- 4. Gynaecology**
- 5. Hematology and oncology**
- 6. Immunology**
- 7. Internal diseases**
- 8. Neurology**
- 9. Neurosciences**
- 10. Pediatrics**
- 11. Pharmacology and Addiction**
- 12. Phd session**
- 13. Poster session I**
- 14. Poster session II**
- 15. Surgery**

1. Anesthesiology and intensive care

- *Untypical mechanism of motorbike accident - Forensic Medicine Case Report - Anna Kaczmarska, Piotr Juda, Milena Nowak, Łukasz Wójcik, Dawid Pajor*
- *Severe complication after general anesthesia in a dental implant procedure - Agnieszka Kaczmarska, Zuzanna Paluch, Joanna Chajec, Bartosz Mazur*
- *Case report: Sepsis due to infection of the prick wound Robinia acacia - Michał Żak, Julia Krasieńska, Magdalena Królikowska, Anna Kowal*
- *The analysis of injury-related deaths with blood alcohol content over 3,5 ‰ - Ewa Bokinić, Patrycja Kłaptoć, Katarzyna Łukoś, Paula Słabosz ***
- *The case of a teenager with decapitation on toboggan run – Forensic Medicine Case Report - Anna Kaczmarska, Piotr Juda, Dawid Pajor, Milena Nowak, Łukasz Wójcik*
- *Pain management of atypical infiltrations in the course of CLL – a case report - Joanna Chajec, Jakub Buziak, Patrycja Bździuch, Katarzyna Cencelewicz, Julia Siek*
- *Polish version questionnaire Quality of Recovery - Karol Bednarz, Jadwiga Ingot, Julia Ingot, Maksymilian Kłosowicz, Beata Horeczy*

2. Cardiology

- *Fatal acute myocarditis secondary to chronic eosinophilic pneumonia - Auguste Senulytė ***
- *Coronary vasospasm resulting in myocardial infarction – a case report - Jakub Michał Zimodro, Magda Mucha ***
- *Recurrent postinfarction ventricular tachycardia in multimorbid patient with implantable cardioverter defibrillator – a complex case report - Magda Mucha, Jakub Zimodro*
- *Hemoglobin-Based Oxygen Carriers as a Blood Substitutes – Katarzyna Gołda, Natalia Świst*
- *Left Atrial Appendage Occlusion Performed with Watchman Device – Mortality Rate and Death Causes Based on MAUDE Database Reports - Jakub Batko, Jakub Rusinek, Daniel Rams*

3. Genetics

- *FRMPD4 gene as a cause of untypical phenotype* - Benedykt Baljon, Justyna Bogdan
- *Tetralogy of Fallot with DiGeorge syndrome* - Yana Nyankovska, Katarzyna Gunia
- *A clinical case of a 9-year-old boy with hereditary distal motor neuropathy-an unknown variant of the REEP1 gene* - Katarzyna Gunia, Yana Nyankovska
- *Setmelanotide - a new drug to treat obesity* - Aleksandra Kotlińska, Katarzyna Koszarska
- *Clinical features of a patient with an unbalanced chromosomal rearrangement in the form of 46,XY,der(8)t(3;8)(q26.3;p23.1)* - Jadwiga Inglot, Karol Bednarz, Julia Inglot, Maksymilian Kłosowicz

4. Gynaecology

- *Pregnancies in a woman with Turner syndrome (45 X0) – a huge challenges* - Maja Kłopecka, Paulina Przybysz **
- *Intramural fibroids in the lower part of the uterine body in a 52-year-old woman - a case report* - Dominika Bać
- *Biomarkers for the Prediction of Pre-Eclampsia in Early Pregnancy* - Lorna Muscat Baron **
- *Breast cancer and the quality of women's sexual life* - Gabriela Sołga, Janina Bażan
- *Pregnancy after hip replacement in woman with idiopathic osteoporosis* - Wiktoria Garbacz, Aleksandra Ziółkewicz
- *Congenital first degree heart block in fetus* – Maria Jasiewicz, Daria Warzocha
- *Hydroprops fetalis in 36-week fetus* – Daria Warzocha

5. Hematology and oncology

- *Melatonin in Cancer Treatment* - Kinga Dyndał, Karolina Czerkiewicz, Paweł Cybula
- *Primary central nervous system lymphoma - a fulminant course in a 47-year-old patient* - Martyna Orzechowska, Adrian Potocki
- *Nanomedicines Targeting Lung Cancer* - Tomaszek Barbara
- *WHO 2021 CNST classification: a double-edge sword for glioblastoma research* - Andrea Cuschieri **
- *Microsatellite instability in endometrial cancer - immunohistochemical evaluation of the expression of MLH1, PMS2, MSH2 and MSH6/MMR proteins* – Aleksandra Jeńć, Aleksandra Roztoczyńska **

6. Immunology

- *Platelets and their role in the immune system* - Natalia Świst, Katarzyna Gołda
- *Acute Graft-v-Host Disease following allogeneic hematopoietic stem cell transplantation in patient with Acute Lymphoblastic Leukemia* - Julia Stańczyk
- *Immune thrombocytopenic purpura linked with lymphoma therapy* - Ilona Zembrzuska-Kaska
- *A case of severe juvenile idiopathic arthritis in an adult* - Emilia Saj
- *Still's disease treatment process - case study* - Justyna Bogdan, Benedykt Baljon
- *Fibrodysplasia ossificans progressive (FOP)- advances in diagnosis and treatment* - Aldona Sokołowska

7. Internal diseases

- ***Role of copeptin in heart failure management: a systematic review and meta-analysis***
- Jakub Michal Zimodro, Sandra Amanowicz, Marta Szkiela, Michal Pruc **
- ***Analysis of compliance to COVID-19 booster vaccination*** - Khairddine Hassan,
Moukrish Adeeb Mohammed
- ***Therapy in Crohn's disease with two biologic drugs. Case report*** - Aleksandra Karnas,
Sabina Skrzynecka, Izabella Prządo, Łukasz Karaś , Mateusz Banasik
- ***Rhnull - a golden blood*** - Michał Orczyk, Martyna Orzechowska
- ***No-reflow phenomenon in STEMI patients is still a challenge for cardiologists*** -
Małgorzata Biernikowicz, Weronika Pilch **
- ***Fatal ischemic complications of procedures performed in mitral part of coronary sulcus can be avoided?*** - Jakub Batko, Daniel Rams, Wojciech Olejek
- ***Case of 56-years old women with rare hematological disease*** - Konrad Wróbel,
Justyna Bogdan, Monika Błądek, Benedykt Baljon
- ***A long and difficult way to determine the cause of recurrent mouth sores and ulcers in a teenager*** – Emilia Saj
- ***A review of recent findings in the dietary treatment of prediabetes, and type 2 diabetes with a focus on low carbohydrate intake*** – Krzystian Andryszko, Karolina Krowiak,
Anita Krowiak

8. Neurology

- *The relationship between sleep disturbances and mental health – literature review and survey research* - Karolina Czerkiewicz, Kinga Dyndał, Paweł Cybula
- *The role of neurotrophins in the pathogenesis and pharmacology of mental disorders* - Anna Antonik
- *Role of mitochondria dysfunction in depressive disorder – a clinical overview* - Antonina Pieluszczyk
- *Diagnostic problems in identifying the etiology of symptoms in a thirty-eight-year-old female* – Aleksandra Fryncel
- *Synuclein Alpha in Parkinson's disease* - Wiktoria Marek
- *Esketamine as a novel drug for the treatment of depression - clinical safety and efficacy profile* - Maciej Kozłowski

9. Neurosciences

- *The role of aquaporin 4 (AQP4) in the pathogenesis and therapy of Alzheimer's disease (AD)* - Martyna Sarzyńska, Kinga Polityńska, Sylwia Lepek
- *How sleep affects various aspects of life? The ways to improve sleep quality* - Paweł Cybula, Kinga Dyndał, Karolina Czerkiewicz
- *Changes in the mental health and education of Ukrainian students amidst wartime* - Anatolii Miahkokhlib, Anastasia Zezekalo, Sogebi MofiyinfoLuwa Olujemisi, Odulete Oluwale Oluwatise, Veronika Mamontova
- *The Microbiota-Gut-Brain Axis – Role in the Pathomechanism and Pharmacotherapy of Depressive Disorders* - Klaudia Wojciechowska, Michał Broszkiewicz
- *Young – Onset Parkinson's Disease – Case Report* - Katarzyna Koszarska, Aleksandra Kotlińska
- *Can the excessive use of social media induce a schizophrenia adjacent psychosis? A study of dopaminergic networks based on current knowledge* - Maja Międlar

10. Pediatrics

- *Ethical challenges in a case with mosaicism* - Milena Wątek, Kinga Zaczyk **
- *Lymphocytic colitis: An unexpected cause of chronic diarrhea in paediatric patient* - Martyna Stobiecka, Anna Olejarz
- *A child with Dent's disease 1 presenting with abrupt onset of muscle cramping and hyperthermia* - Anna Olejarz, Martyna Stobiecka
- *Mechanical thrombectomy in pediatric ischemic stroke - a case report* - Kinga Polityńska, Sylwia Lepak
- *Difficulties in diagnosis and treatment of invasive aspergillosis in extremely low birth weight premature infant* - Emilia Dybała, Anna Grabowska
- *Life-saving actions in extremely preterm infants on the verge of survival: A retrospective study- 2004-2022* - Julia Kuszewska, Oliwia Bolek, Dominika Paw, Marta Szynska

11. Pharmacology and Addiction

- *Affective disorders in children and adolescent - diagnostic challenges, clinical safety and efficacy profile of standard pharmacotherapy* - Małgorzata Gierlicka
- *Effects of marijuana on the kidneys* - Weronika Buczek, Mikołaj Wiśniewski, Jolanta Wiśniewska, Anna Oleszczuk **
- *The effect of aspirin intake on serum sFLT1 levels in women at high risk of preeclampsia in pregnancy* - Lorna Muscat Baron, Yves Muscat Baron **
- *Sex differences in antiplatelet therapy: a review* - Jakub Michal Zimodro, Yolande Appelman **
- *Monoclonal antibody as the new future in the treatment of episodic and chronic migraine* - Bernadetta Jakubowska, Izabela Kiebała

12. Phd session

- *Perception of pathologists in Poland about artificial intelligence and machine learning in medical diagnosis; a cross-sectional study* - Alhassan Ali Ahmed, Agnieszka Brychcy, Mohamed Abouzid, Martin Witt
- *SOX10 expression in mammary gland carcinomas and adenomas in female dogs* - Joanna Bubak, Rafał Ciaputa, Izabela Janus, Kacper Żebrowski, Aleksandra Piotrowska
- *Mucosal IgE production in local allergic rhinitis, a potential diagnostic criterion, and an implementation in allergen immunotherapy* - Mohamad Mahdi Mortada
- *The triple network, kinaesthesia and temporal experience: An approach to the disturbance of Bodily Subjectivity in Schizophrenia* - Camilo Sanchez
- *The altered expression of GDF11 – TGF-β family member - during intestinal inflammation and colitis-associated colorectal cancer* - Weronika Machelak, Emilia Januszkiewicz, Mikołaj Mierzejewski

13. Poster session I

- *Chlorellosis in humans and animals* - Julia Florek, Mateusz Bartoszek
- *Total antioxidant capacity of urine in patients with urogenital cancers* - Agnieszka Mokrzyńska, Patrycja Olech
- *Total antioxidant capacity of urine in patients with urogenital cancers* - Patrycja Olech, Agnieszka Mokrzyńska
- *Oxidative stress in patients with benign prostatic hyperplasia* - Zofia Kobylińska
- *Isolation, breeding and characteristic of cells taken from the pulp of the tooth use in regeneration medicine* - Dawid Jeżewski, Nicole Nowak, Joanna Bubak
- *Prevention methods of white spot lesions in orthodontic patients with fixed orthodontic appliances: a systematic literature review* - Smilte Paldauskaitė, Roberta Lekavičiūtė
- *Climate Change, Energy Consumption, and Conflict: Implications for Public Health and Sustainable Development* - Magnus Heimbucher
- *Endovascular treatment of popliteal and shin artery occlusion – case study* - Gabriela Sołga, Julia samczyk, Natalia Szawara
- *Expression of prodynorphin and kappa opioid receptors in experimental colorectal cancer* - Mikołaj Mierzejewski, Emilia Januszkiewicz, Weronika Machelak
- *Comparison of treatments for alopecia areata based on clinical trials* - Aleksandra Roztoczyńska, Aleksandra Jeńć **
- *Modifiable risk factors for pancreatic cancer and hepatitis B* – Aldona Sokołowska
- *Atypical manifestation of hypopituitarism* – Julia Ingot, Maksymilian Kłosowicz, Jadwiga Ingot, Karol Bednarz

14. Poster session II

- *Activation of Kappa Opioid Receptors in therapy of inflammatory bowel disease* - Emilia Januszkiewicz, Mikołaj Mierzejewski, Weronika Machelak
- *Clinical applications of metabolomics* - Aleksandra Burbelka
- *Multidrug-resistant bacteria - current state and prospects for the future* - Łukasz Zarębski, Aleksandra Burbelka
- *Seasonal affective disorders– the role of circadian rhythms* - Anna Krzysztofińska, Olga Ficek, Magdalena Kowal
- *Use of monoclonal antibodies in melanoma immunotherapy* - Aleksandra Roztoczyńska, Aleksandra Jeńć **
- *Chemobrain after anticancer treatment - when the necessary treatment has unpleasant consequences* - Błądek Monika, Drygała Karolina, Barszcz Gabriela
- *The regenerative potential of mesenchymal stem cells in the treatment of central nervous system diseases* - Oliwia Krawczyk, Marcelina Kozicka
- *Bisphosphonates in rheumatic diseases* - Patryk Brzezicki
- *You only look as good as your microbiome - how microbiome affects skin condition* - Drygała Karolina, Błądek Monika, Barszcz Gabriela
- *Histopathological changes in hypertrophic cardiomyopathy* – Maksymilian Kłosowicz, Julia Ingot, Jadwiga Ingot, Karol Bednarz
- *Cytisine - the drug for the treatment of nicotine addiction. New research perspectives* - Karolina Maternia-Dudzik, Jagoda Maternia, Marcin Skotnicki, Marek Pyda, Piotr Tutka
- *Cytisine-polymer system for a new prolonged-release dosage form. Contemporary challenges in the treatment of nicotine addiction* - Jagoda Maternia, Karolina Maternia-Dudzik, Marcin Skotnicki, W. Gonciarz, B. Jadach, Marek Pyda, Piotr Tutka

15. Surgery

- ***Guillain-Barre' syndrome following craniotomy for glioblastoma multiforme: a rapid systematic review - Andrea Cuschieri *****
- ***Conversion therapy combined with minimally-invasive surgery for metastatic gastric cancer - Natalia Kluz, Katarzyna Sędlak, Karol Rawicz-Pruszyński, Zuzanna Pelc, Wojciech Polkowski***
- ***Evaluation of clinical efficacy of electroconvulsive therapy in mental disorders - Izabela Kiebała, Bernadetta Jakubowska***
- ***Reasons of failures in trochanteric fractures treatment with Dynamic Hip Screw - case series - Wojciech Bednarz, Edyta Dyngosz***
- ***Bilateral lung transplantation for idiopathic pulmonary artery hypertension in young female - case report - Patrycja Stygar, Alicja Sykuła***