

WINNERS OF THE SESSION

1. CARDIOLOGY & INVASIVE CARDIOLOGY & CARDIOSURGERY SESSION

- I Dominika Dziadosz – Controversies between medical specialties on the treatment of rare cardiovascular diseases during pregnancy.
- II Jagoda Dradrach – Prevalence of anomalies of coronary artery origin in 11,271 patients undergoing coronary angiography – an 8-year single-center experience
- III Olga Zhurakivska – Morphofunctional changes of the endocrine system of the heart in streptozotocin diabetes mellitus
- I distinction Krystian Mróz – Comparison of clinical and echocardiographic characteristics between patients with amyloid cardiomyopathy and hypertrophic cardiomyopathy.
- II distinction Filip Sawczak – Quality of life in patients hospitalised with heart failure and parameters with an influence on it.
- III distinction Olgerd Duchnevici – Risk factors for contrast-induced nephropathy in patients with acute myocardial infarction undergoing staged percutaneous coronary intervention – a retrospective observational study.
- **Case:** I distinction Michał Jagiełło – Challenges faced when treating heart failure with a severely reduced ejection fraction in a young patient using a left ventricular assist device.

2. PEDIATRICS & NEONATOLOGY SESSION

Case report:

- I Marija Kalnina “NIJMEGEN BREAKAGE SYNDROME IN LATVIAN PAEDIATRIC POPULATION: A CASE SERIES”
- II Elina Skuja – “Genetically approved MODY3 with uncharacteristic manifestations”
- III Agnieszka Szumigala – “The complex clinical picture of a boy with a mutation in the gene encoding the DAX1 protein”
- I distinction Laine Bekere “PARAINFECTIOUS OPSOCLONUS – MYOCLONUS – ATAXIA SYNDROME: A CASE REPORT”
- II distinction Krista Skrejane “Prolonged severe pancytopenia after liver transplantation due to fulminant hepatic failure caused by mushroom poisoning reveals an underlying Fanconi anemia”
- III distinction Paulina Frączek “Megalencephaly-Capillary Malformation Polymicrogyria syndrome with ERCC2 gene mutation – case report”
- IV distinction Lizete Kļaviņa “MASKS OF POLYARTERITIS NODOSA IN PAEDIATRIC PRACTICE”

3. PEDIATRICS&NEONATOLOGY&CASE REPORT SESSION

Original study:

- I Gonzalo Mariscal – „Abnormalities and syndromes associated with congenital scoliosis: A retrospective study of 223 pediatric patients”
- II Lizete Kļaviņa – „Diagnostic reliability of clinical signs and yale observation scale in recognition of serious bacterial infections in febrile children presenting to emergency department”
- III Katarzyna Ciuk – „Nocturnal non-dipping on 24-h Ambulatory Blood Pressure Monitoring in obese children and adolescents”

4. PUBLIC HEALTH & NURSING SESSION:

- I Jakub Geltz – Introducing dietary modifications by pregnant women
- II Katarzyna Szulc – The analysis of predictors of the opinions on smoking-related increased health insurance rates among non-smokers
- III Weronika Lebowa – Physical activity among Polish teenagers in Małopolska
- I distinction Klaudia Nowak – The quality of life after lung transplantation – a single-center study
- II distinction Robert Kupis – Factors affecting patient-centeredness (PC) among medical students
- III distinction Paulina Smoła – What are the reasons for negative online opinions about family physicians’ services?

5. INTERNAL MEDICINE SESSION:

Original study:

- I Anna Rudzińska – Malnutrition and cognitive impairment among old hospitalized patients
- II Michał Piwoński-The Atherogenic Index of Plasma (AIP) as a possible simple diagnostic tool for an identification of insulin-resistant obese subjects at higher risk for arterial hypertension
- III Agnieszka Cenda – The clinical characteristics of patients with myelofibrosis with and without JAK2V617F mutation.
- I distinction Anna Królikowska – Tacrolimus or cyclosporin – which one to choose after lung transplantation? nephrotoxicity comparison.
- II distinction Michał Wojnarski – Sleep disorders and cognitive impairment among patients aged over 65 hospitalized in Geriatric Unit

Case report:

- I Martyna Chmiel – Diabetic patient with unobvious gastroenterological complaints
- II Julia Smyk – Severe hypokalaemia and diabetes decompensation as a nonspecific first signs of ACTH-dependent ectopic Cushing’s syndrome.
- III Anna Indyk – Turner Syndrome and Diabetes Mellitus: is it a coincidence?

6. RADIOLOGY & TECHNOLOGY & BIOPHYSICS SESSION

- I Katarzyna Ciuk – The MRI imaging of marrow oedema of sacroiliac joints in children
- II Gabriela Kanclerz – Development of metabolic memory in non-neuronal cells
- III Jakub Gawlik – Machine learning-assisted segmentation of rat CT images as a method for visceral adipose tissue quantification.
- I distinction Yuriy Urbanovych – Telemedicine and Neurosurgery: A Single Institution Experience.
- II distinction Filip Gara – Histopathologic cancer detection with artificial deep neural networks

7. FORENSIC MEDICINE SESSION

- I Monika Kaciczak – Analysis of causes of death in the group of underage in the archives of the Department of Forensic Medicine of Jagiellonian University in Cracow from years 2014 – 2018.
- II Patrycja Łączak – Lightning strike as the cause of death – retrospective analysis of cases from Department of Forensic Medicine in Krakow
- III Wojciech Koziółek – Hepatic necrosis as a cause of death
- I distinction Jan Roczniak – Comparison of the occurrence of pulmonary embolism amongst hospitalized patients 20 years ago, 10 years ago and recently
- I distinction Jakub Strojek – Analysis of suicide committed by suffocation by the use of a plastic bag or a cable tie

8. INTERNAL CASE REPORT:

- I Mateusz Milo – Following the thread... anterior ischemic optic neuropathy as the first manifestation of bicuspid aortic valve – case report.
- II Łukasz Żydzik Unusual coincidence of purulent pericarditis and acute STEMI – case report
- III Darja Miśkina – case of calcifying lupus panniculitis that simulates intraductal carcinoma
- I distinction Marta Podlewska – Riedel's thyroiditis or anaplastic thyroid carcinoma – difficulties in differentiation and diagnosis.
- II distinction Michał Piwoński – Is any link between silicone breast implants and autoimmune thyroiditis? A case report.
- III distinction Adrianna Niksińska A patient with metastatic gastric cancer treated with pembrolizumab – disease progression or adverse effect of the drug?

9. SURGERY SESSION

- 1st place: Jerzy Krzeszowiak, „Abdominal aortic calcifications as a risk factor of postoperative

morbidity in older patients with colorectal cancer”.

- 2nd place: Natalia Niklas, „The relationship between the aneurysm wall structure and its rupture”.
- 3rd place: Natalia Przytuła, „Thyroidectomy – is it safe to be performed by general surgery residents?”
- Distinction I: Anna Mary Jose, „Efficacy of platelet rich plasma as a treatment modality for wound healing.”
- Distinction II: Piotr Tylec, „Radiographic markers of frailty as predictors of 30-days mortality risk in emergency abdominal surgery.”
- Distinction III: Magdalena Niemirowska, „An assessment of the results of bacteriological examination and empiric antibiotic therapy in patients with diffuse peritonitis.”

Surgical case report:

- I Anna Jose – Reconstruction of scalp avulsion in a resource restraint rural hospital
- II Marika Reinicane – The surgical treatment of the giant retroperitoneal pleomorphic liposarcoma affecting the left renal artery and vein
- III Dominika Paw – Acute abdomen syndrome as a result of gastrointestinal tuberculosis – a case report.
- I distinction Sabine Teifurova – Hemichorea caused by hyperglycemia
- II distinction Michał Wawrzyniak – Long lasting complications of cardiac surgery – a demanding treatment of the sternal dehiscence.
- III distinction Alise Baborikina – Acute ischemic stroke in posterior inferior cerebellar artery in a young woman: case report

10. BASIC SCIENCES & GENETICS & MOLECULAR BIOLOGY SESSION:

- I Krystyna Sadzikowska – Changes in cell shape and actin cytoskeletal networks during exit from naïve pluripotency
- II Izabela Morawska – The overexpression of RORγT in iNKT cells in patients with multiple sclerosis (MS) – preeliminary results.
- III Oskar Szafranski – Carotenoids induce changes in the profile of gene expression determining lipid metabolism and cell survival in the LNCaP line of human prostate cancer.
- I distinction Szczepan Świercz – Beneficial effect of intestinal Alkaline Phosphatase (iAP) in obese mice with forced exercise and experimental colitis.
- II distinction Paulina Stach – Brain – gut axis elements in the activity-based anorexia (ABA) in rats – the effects of kisspeptin administration.

11. ORTHOPAEDICS & SPORTS MEDICINE:**Original study:**

- I Gonzalo Mariscal – Orthopedic treatment and early weight-bearing for bimalleolar ankle fractures in elderly patients: Quality of life and complications
- III Gonzalo Mariscal – Clinical and Radiological Long Term Evaluation of Unstable Thoracolumbar and Lumbar Type A Fractures Treated by Percutaneous Surgery after Implant Removal

Case report:

- I Michał Markiewicz-Zahorski – Thoracic Outlet Syndrome in an excessively trained young olympic athlete – Case Report
- II Laura Juopperi – Case study: non-ordinary hip replacement surgery

12. DENTISTRY & MAXILLOFACIAL SURGERY & OTOLARYNGOLOGY SESSION:

- 1 st place: Zuzanna Piotrkowicz, „The concentration of fluoride in the saliva after application of fluoride gel using toothbrush in young adults.”
- 2 nd place: Setthasorn Ooi, „Evaluation of Acute Visual Assessment Documentation of Periorbital Trauma Patients: Accident and Emergency Doctors Versus Oral Maxillofacial Surgeons.”
- 3 rd place: Jakub Bukowski, „The association between oral malodour and tongue coating – a clinical and autofluorescent evaluation.”
- Distinction I: Magdalena Kowalczyk, „Gene or protein? Searching a good prognostic marker in laryngeal lesions based on Cyclin D1.”
- Distinction II: Zuzanna Kazibudzka, „Self-perceived dentists' knowledge of temporomandibular disorders.”
- Distinction III: Maria Gut, „The analysis of measurements of different anthropological distances on the face and oral cavity in young polish adults – retrospective study.”

13. PSYCHIATRY & NEUROLOGY & NEUROSURGERY & CASE REPORT:**Original study:**

- 1 st place: Adam Bębenek, The dependency of the ventriculoperitoneal shunt on the time of implantation of the subcutaneous reservoir in infants with severe intraventricular haemorrhage.
- 2 nd place: Gabriela Zdunek, The relationship between dietary patterns, physical activity, and prevalence of the symptoms of depression, general anxiety disorder, and insomnia during the COVID-19 pandemic.
- 3 rd place: Olga Holodova, The Delay in Diagnosing Secondary Progressive Multiple Sclerosis Course in Multiple Sclerosis Patients in Riga East University Hospital

- Distinction: Miłosz Błoński, Cerebral aneurysm rupture during clipping – retrospective assessment of its predictors.
- Distinction: Julia Kuzaj, The radiological assessment of posterior fossa structures in patients with Chiari II malformation”

Case report:

- 1 st place: Katarzyna Ciuk, The iatrogenic aneurysm of pericallosal artery after endovascular treatment
- 2 nd place: Kamila Kedra, Case report – sulfonylurea poisoning mimicking vertebrobasilar acute ischemic stroke
- 3 rd place: Natalia Rzewuska, Giant cell tumor of clivus. Case Report and Review of literature focusing on transnasal transsphenoidal approach and treatment with denosumab.
- Distinction: Justyna Kacperczyk, Hyponatremia secondary to escitalopram-induced SIADH – A case study

14. GYNECOLOGY & OBSTETRICS & CASE REPORT:**Original study:**

- I Aleksandra Słowakiewicz – Pregnancy After Liver Transplant: maternal and perinatal outcomes
- II Damian Sroka – Concomitant adenomyosis and leiomyomata effects on endometrial cancer's clinical and pathological features.
- III Zuzanna Aurast – Impact of gestagenic component and woman's age on side effects during intake of hormonal contraceptives
- I distinction Jakub Geltz – What do pregnant women in Poland think about preventive vaccinations?
- II distinction Monika Śledzik – Association between endometrial cancer regional lymph nodes metastases and the presence of leiomyomata, endometriosis.

Case report:

- I Karol Mikłusiak – Successfully delivery and treatment of Hodgkin lymphoma diagnosed in patient at 4 week of pregnancy with achievement of complete remission – a case report
- II Wojciech Koziółek- Rare neurological complication after cesarean section
- III Agnieszka Palus- Acute pulmonary embolism by amniotic fluid – a rare complication of perinatal period which should not be forgotten. Case Report
- I distinction Klaudia Mikłusiak- Successful pregnancy in a rare variation of Herlyn-Werner-Wunderlich triad (OHVIRA syndrome)
- II distinction Łucja Zaborowska- Postpartum complications: Idiopathic postcesarean collection of fluid in a recto-uterine pouch

WYNIKI SESJI FIZJOTERAPII IMSC 2020

MIEJSCE	NUMER ABSTRAKTU	TYTUŁ PRACY	AUTOR	UZASADNIENIE
1 miejsce	76	Dyspareunia i wykorzystanie fizjoterapii w jej leczeniu w świadomości Polek.	Joanna <u>Siereńska</u>	Oryginalność tematu pracy.
2 miejsce	192	Nietrzymanie moczu jako jedna z konsekwencji osłabienia mięśni dna miednicy u kobiet chorujących na bulimię.	Żaneta Kisiel Aleksandra Żak	Oryginalna i przekrojowa praca. Wyróżniająca się jakością prezentacji.
3 miejsce	122	Wpływ rozciągania statycznego i poizometrycznej relaksacji na zakres ruchomości, siłę chwytu i dolegliwości bólowe w obrębie ręki u osób wykonujących pracę biurową.	Anna Konarska	Na podkreślenie zasługuje dobrze przygotowana metodologia i jakość wyników.
Wyróżnienie 1 (4 miejsce)	22	Porównanie wpływu masażu klasycznego i ćwiczeń w wodzie na stan funkcjonalny i subiektywne dolegliwości bólowe dolnego odcinka kręgosłupa u kobiet w ciąży.	Aleksandra <u>Ciochoń</u>	Dobra metodologia pracy badawczej. Waga podjętego tematu.
Wyróżnienie 2 (5 miejsce)	54	Wpływ stażu sportowego, ilości i czasu treningu w tygodniu na występowanie kontuzji we wspinaczce sportowej.	Wiktor Wilkowiec Marta Bielecka Grzegorz Zieliński Aleksandra Byś Estera Zięba	Interesujący badawczy i praktyczny temat.
Wyróżnienie 3 (6 miejsce)	A347	Skuteczność metod fizjoterapeutycznych w leczeniu szumów usznych u pacjentów z wykluczoną przyczyną laryngologiczną.	Weronika Kruk Karol Kukla Krzysztof Kwiatkowski Oliwia <u>Lorkiewicz</u>	Waga podjętego tematu i jego wyjątkowość.

