



**Kurator STN SUM
w Katowicach:**

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CONFERENCE SUMMARY

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International Medical Congress of Silesia SIMC 2024 took place at 15-17th May 2024 in Katowice (conference organized on-site and online via Zoom / YouTube). The conference was organized by Students' Scientific Association of Medical University of Silesia, Polish Association of Dental Students and Doctoral Students' Government of Medical University of Silesia. At the conference there were presented 280 papers from countries (detailed statistical information about participants – Attachment No. 1) and 68 papers has been awarded by Scientific Committee (list of laureates – Attachment No. 2).

All papers have been oral presented. All recordings are available on YouTube. During congress 7 workshops were organized.

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Attachment No. 1: Distribution of first authors on International Medical Congress of Silesia SIMC 2024

Total number of presentations: 280

Distribution among countries:

Country	Number of papers
Poland	264
Lithuania	9
Romania	3
Ukraine	3
India	1

Distribution among polish universities:

University	Number of papers
Śląski Uniwersytet Medyczny w Katowicach	197
Warszawski Uniwersytet Medyczny	17
Uniwersytet Jagielloński	10
Politechnika Wrocławska	8
Uniwersytet Medyczny im. Karola Marcinkowskiego w Poznaniu	5
Uniwersytet Rzeszowski	5
Uniwersytet Medyczny w Lublinie	4
Uniwersytet Medyczny we Wrocławiu	3
Narodowy Instytut Onkologii im. Marii Skłodowskiej–Curie, oddział w Gliwicach	3
Uniwersytet Medyczny w Łodzi	2
Uniwersytet Jana Długosza w Częstochowie	2
Uniwersytet Kardynała Stefana Wyszyńskiego w Warszawie	2
Uniwersytet Medyczny w Białymstoku	1
Uniwersytet Mikołaja Kopernika w Toruniu	1
Uniwersytet Medyczny w Gdańsku	1
Uniwersytet Przyrodniczy we Wrocławiu	1
Akademia Zamojska	1
Uniwersytet Opolski	1

Attachment No. 2: List of Laureates of International Medical Congress of Silesia SIMC 2024
Attachment No. 2: List of Laureates of International Medical Congress of Silesia SIMC 2023

Session of Anesthesiology, Emergency Medicine and Intensive Care

1st Place

Julia Lipina, Oskar Fogiel, Julia Goleń
Demographic and clinical characteristics of organ donors after fatal poisonings

2nd Place

Michał Wilk, Małgorzata Toroń, Antoni Wołoszyn

Why do we decide to heal death? Futile therapy in critically ill patients from the perspective of anesthetists - questionnaire study

Session of Basic Science, Biotechnology and Biomedical Engineering

1st Place

Martyna Rożek, Radosław Karaś, Michał Serafin, Gabriela Rembiecha, Jakub Michalski
Human body in the dissection room - what do you think about it?

2nd Place

Aleksandra Wiśniewska

The impact of the TCF7L2 rs7903146 gene polymorphism on the carbohydrate metabolism

2nd Place

Aleksandra Polańska, Martyna Gąsiorek, Jakub Pierożak

Occurrence and molecular characteristic of *C. perfringens* strains isolated from patients with AAD

Session of Surgery

1st Place

Karolina Blady, Leon Smółka, Małgorzata Gewald, Bartosz Pomianowski, Marcin Glaser
Ultrasonographic assessment of carotid intima-media thickness (cIMT) in students of SUM in Katowice.

1st Place

Monika Bonczek, Joanna Rak

Can studying medicine compromise the lower limb venous outflow and increase the risk of venous thrombosis?

2nd Place

Oliwia Stefaniak, Jaśmina Nowak

Acute appendicitis - own experience of doctors at the University Clinical Hospital in Wrocław from 2023.



Session of Surgery II

1st Place

Wiktor Kruczek, Michał Serafin

Biological graft implantation procedures in patients with an infected artificial graft– retrospective analysis

2nd Place

Rohit Ganduboina, Palak Dutta, Keerthi Palagati, Arjun Sreekumar, Rama Chandra Mohan,
Jerry Lorren Dominic

Video-Based Multimedia Information in Reducing Pre-Operative Anxiety, a randomized interventional study.

Session of Internal Medicine

1st Place

Paweł Kurzelowski, Maciej Pluskiewicz, Monika Kalicka, Katarzyna Motyl, Przemysław Hołda
Prediction model for the hospitalization length based on basic features using machine learning

2nd Place

Julia Szlązek, Alicja Drelichowska, Katarzyna Sobczak, Weronika Wójtowicz

Dupilumab - new biologic therapy efficacy for severe asthma

3rd Place

Patryk Mosiołek, Jakub Prosowski, Agata Tutkaj, Alicja Tomasiak, Krystian Rachwał, Andrzej Rak
The Impact of the COVID-19 Pandemic on the Quality Indicators of Lower Gastrointestinal Endoscopy

Session of Dermatology and Allergology

1st Place

Zuzanna Pawlus, Aleksandra Spyra

Can social media encourage young Polish adults to visit a dermatologist? – Original study

2nd Place

Joanna Zygadło

Role of allergy in atopic dermatitis - variability in clinical phenotypes among Polish pediatric patients



Session of Dietetics and Nutrition

1st Place

Karolina Kozik

Dietary habits of High School Students in Tychy and the risk of orthorexia

2nd Place

Magdalena Kurpanik

Emotional regulation and food choices in different phases of the menstrual cycle - a pilot study

3rd Place

Zofia Zdeb, Matylda Kosiorz, Wiktoria Komisarz

The impact of eating habits and feeding during the ski season of instructors, on health and body function

Distinction

Matylda Kosiorz, Wiktoria Komisarz, Zofia Zdeb

Eating habits and eating mistakes of dietetics students

Session of Pharmacy and Clinical Pharmacology

1st Place

Dominika Poborca, Zuzanna Rzepka

Betulin derivatives – the assessment of potential anticancer activity in a cellular model

2nd Place

Martyna Binko, Marta Karkoszka

The impact of hydrochlorothiazide and UV radiation on redox homeostasis of epidermal melanocytes

Session of Physiotherapy

1st Place

Bartosz Pomianowski, Leon Smółka, Miłosz Strugała, Radosław Karaś, Karolina Blady

Assessment of treatment methods for femoral neck fractures at the Department of Orthopaedics of SUM Katowice.

1st Place

Jakub Rudzki, Łukasz Dylewicz, Kacper Solarz, Jakub Bętkowski

Quality of Life after total knee replacement surgery.

2nd Place

Kacper Solarz, Jakub Rudzki, Łukasz Dylewicz, Jakub Bętkowski

Quality of Life after Total Hip Arthroplasty.

Session of Oncology, Nuclear Medicine and Radiotherapy

1st Place

Anna Kozub, Rafał Szarek, Mikołaj Szczęsny

The influence of selected stimulators on leukemic cells from children with acute leukemia

2nd Place

Jakub Kamiński, Sabina Kadłubek

PClinical and Laboratory Prognostic Factors in Patients with Mantle Cell Lymphoma - a single center analysis

3rd Place

Maciej Bulwa

Differentiated thyroid cancer in pregnancy. A retrospective analysis of newly diagnosed patients

Session of Gynecology and Obstetrics

1st Place

Patrycja Zębalska, Monika Chlipała

Factors influencing the risk of cervical lacerations during vaginal delivery

2nd Place

Katarzyna Milewska-Plis, Ewelina Knapczyk, Weronika Curyło, Sara Hassan

VBAC. Women's knowledge of alternative methods of terminating pregnancy in their reproductive years.

3rd Place

Jakub Borszcz

Usefulness of BMI and BAI in Assessing Glucose and Insulin Profile among PCOS

Session of Noninvasive Cardiology

1st Place

Radosław Szczerba, Wiktoria Żelazna, Jakub Sokołowski, Natalia Wyroba, Zuzanna Wydrych

Temporal left ventricular ejection fraction variations predict survival in patients with heart failure

2nd Place

Agnieszka Partyka, Marianna Ciastoń, Ana Baranovska

Supraventricular Arrhythmias in patients with acute ischemic stroke and RIND episodes

3rd Place

Monika Bonczek, Joanna Rak, Julia Gryl, Anna Barańska, Emilia Grabarczyk, Franciszek Rej

Are there any factors influencing successful electrical cardioversion in patients with atrial fibrillation?



Session of Invasive Cardiology and Cardiac Surgery

1st Place

Marta Chamera, Anna Kaźmierska

Percutaneous LAAO with the Watchman FLX device in patients with AF and with contraindications for OAC

2nd Place

Michał Kapałka, Artur Łapaj, Maksymilian Dobosz

Stenting of native coarctation of aorta in adult population - comparison of covered and bare metal stents.

Session of Neonatology and Pediatrics

1st Place

Anna Nowak, Dominika Posid, Gabriela Gawlas, Anna Bielawska

The occurrence of diabetic ketoacidosis at the time of fresh diagnosis of diabetes between 2019 - 2023.

2nd Place

Natalia Wyroba, Natalia Kardas, Magdalena Iwan, Wiktoria Pniok

The use of programmable shunts in the treatment of hydrocephalus in pediatric patients

2nd Place

Weronika Roesler, Klaudia Sobik, Dawid Wolak, Monika Kalicka, Natalia Leszczyńska

Clinical picture of patients diagnosed with Gilbert's syndrome- single centre study. Is Gilbert's syndrome onl

Session of Neurology and Neurosurgery

1st Place

Urszula Majda, Natalia Trędoła, Gabriela Mamak, Sylwia Boczek, Dominika Brzęk, Patryk Walocha

Analysis of Brain Injury Parameters and CSF Interleukins in De Novo RRMS Patients Versus Controls

2nd Place

Weronika Domczewska, Mikołaj Najda

Time-trend patterns in baroreflex sensitivity and intracranial pressure after traumatic brain injury

3rd Place

Maciej Laskowski

Advancing Spinal Surgery Outcomes through MEP and D-wave Electrophysiological Monitoring

Session of Psychiatry and Sexology

1st Place

Aleksandra Kępczyńska, Radosław Karaś

Study of abuse within relationship or marriage - preliminary results

2nd Place

Agnieszka Goryczka, Jakub Fick, Anna Gogola

Autonomic nervous regulation in sports? Heart rate variability as a fencing performance predictor.

3rd Place

Magdalena Stencel, Błażej Pilarski

Do pollen and its type affect the number of interventions in the psychiatric emergency room?

Session of Radiology

1st Place

Jan Herzyk, Krzysztof Jakimów, Jakub Ciesielka

CMSCT features in prediction of histological differentiation of pancreatic neuroendocrine neoplasms

2nd Place

Marcin Ciekalski, Izabela Rosół

Work-Related Musculoskeletal Disorders in Polish Sonographers – a questionnaire study

Session of Dentistry

1st Place

Paulina Musiał, Aleksandra Grzyb, Julia Cabon, Magdalena Błasiak, Anna Kuzber

Assessment of mandibular second molars as a predictive factor for the emergence and formation of third molars

2nd Place

Jakub Fiegler-Rudol, Stanisław Niemczyk

The dentist's eternal dilemma: dealing with a pregnant woman

3rd Place

Julia Walendowska, Zofia Stefanik, Sara Wira, Helena Brawańska, Julia Bartecka, Maciej Jabłoński

A comparison of the efficiency of commonly available mouthwashes against selected bacterial and fungal strains.

Session of Public Health and Healthcare

1st Place

Michał Meiser, Kathryn Kierepka, Julia Kałuża, Julia Barczyk, Natalia Brachmańska
Lighting conditions in reading rooms in public and school libraries in the Silesian Voivodeship

1st Place

Joanna Rak, Monika Bonczek, Krzysztof Jakimów, Jakub Ciesielka, Magdalena Matlakiewicz
Work-Related Quality of Life among Polish physicians

2nd Place

Kaja Hanys, Jadwiga Hartman, Aleksandra Hakało, Martyna Szymańska
Factors influencing the knowledge of nurses from the Upper Silesian Metropolis regarding the prevention of HPV

Session of Public Health and Healthcare II

1st Place

Radosław Karaś, Aleksandra Kępczyńska, Bartosz Pomianowski, Konrad Barszczewski
The human body - an invaluable element in the training of future health professionals

2nd Place

Kaja Tyszkiewicz, Barbara Buchalska
Frequency of vitamin D3 deficiency in the adult population of the Warsaw University Hospital

3rd Place

Andrius Jurgelėnas
Retrospective Analysis Of Repeated Work Capacity Evaluations In Lithuanian Occupational Disease Cohort

Session of Systematic Reviews and Meta-Analyses

1st Place

Anna Kozub, Aleksandra Nasiek

The effectiveness of antihemorrhagic palliative radiotherapy for advanced gastric cancer patients

2nd Place

Paweł Łajczak, Przemysław Nowakowski, Kamil Józwik

Machine Meets Brain: A Systematic Review of Effectiveness of Robotically Performed Cerebral Angiography.

3rd Place

Zuzanna Witkowska, Dominika Centner

The role of mesenchymal stem cell derived extracellular vesicles in regulation of the inflammatory process.

Distinction

Weronika Zając, Karol Sadowski

A review of inflammatory markers in Parkinson's Disease and potential effects of FMT

Session of Experimental Medicine

1st Place

Maciej Borówka, Michał Nicze

Trust is good, but in medicine control is better - how much sodium butyrate is in sodium butyrate products?

2nd Place

Alhassan Ali Ahmed

Artificial Intelligence Model in Lung Cancer Diagnosis

3rd Place

Wojciech Tynior, Dorota Hudy, Karolina Gołąbek, Agnieszka Raczkowska-Siostrzonek

Genes Expression Analysis among Polish Children with Molar Incisor Hypomineralization (MIH)

Session of Clinical Medicine

1st Place

Karolina Sztuba, Michael Schrotter

Endoscopic treatment of craniosynostosis with complementary helmet therapy - early outcomes of treatment.

2nd Place

Barbara Lewicka, Kamila Czepczor-Bernat, Katarzyna Oberska

Acceptance of illness in multiple sclerosis patients.