

BOOK OF ABSTRACTS



ISCOM 2025



**GOCE DELCEV UNIVERSITY STIP
FACULTY OF MEDICAL SCIENCES**



ISCOM 2025

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Congress of Medicine
15 - 17 May - Stip, North Macedonia

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11:30 - 11:45	"Open fractures" – Ass. Prof. Aleksandar Trajanovski MD, PhD
11:45 - 11:55	"Urgent local surgical treatment of colostomy prolapse in a patient with oligophrenia and Hirschsprung's disease – Case report" – Aleksandar Velickov
11:55 - 12:05	"Mechanical Ileus of the Small Intestine Due to Migration of a Polypropylene Mesh Following Inguinal Hernioplasty" – Jovana Bogdanovik
12:05 - 12:15	"Treatment of Acute Aortic Dissection with Complete Atrioventricular Block and Subacute STEMI: A Multidisciplinary Approach" – Pece Kostadinovski
12:15 - 13:30	Lunch break
13:30 - 14:50	Session 3 (Oral presentations)
13:30 - 13:45	„Initial assessment and management of pediatric polytrauma patients" – Assoc. Prof. Maja Mojsova Mijovska MD, PhD
13:45 - 13:55	"Neuropharmacological Approach to Personalized Anesthesia – Pharmacogenetics, Pharmacokinetics, and Pharmacodynamics of Anesthetics as Key Factors for Optimization" – Sara Denkova
13:55 - 14:05	"Anesthesia in patients with acute intermittent porphyria" – Angela Talevska
14:05 - 14:15	„Venous Thromboembolism in a Patient with Hemophilia" – Anastasija Minevska
14:15 - 14:30	„Lasers in esthetic dermatology" – Prof. Andrej Petrov, MD, PhD
14:30 - 14:40	"Choroidal Melanoma: A Growing Concern in Ocular Malignancies" – Ljubenka Ordeva
14:40 - 14:50	"Plasmacytoid melanoma" – Deana Petrevska
15:00 - 15:15	Coffee break

Incidence and prevalence of juvenile diabetes in the municipality of strumica from 2019 to 2023

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Introduction: Juvenile diabetes, also known as Type 1 diabetes or insulin-dependent diabetes, occurs in childhood and accounts for approximately 5% of all diagnosed diabetes cases, including Type 2 diabetes, previously known as non-insulin-dependent or adult-onset diabetes. Gestational diabetes can be diagnosed in 2-10% of pregnant women, and if left untreated, it can endanger both maternal and fetal health, increasing the risk of additional complications. Early diagnosis is particularly crucial in this group of patients, as it allows for timely treatment and reduced complications, such as diabetic neuropathy, coronary artery disease, gastrointestinal complications, and diabetic nephropathy. Treatment includes oral medications and insulin therapy.

The aim of this study is to present the incidence and prevalence of juvenile diabetes in the Municipality of Strumica from 2019 to 2023.

Materials and Methods: Data were collected from the PHI "General Hospital," in Strumica, covering children aged 1-15 years.

Results: The period between 2019 and 2023, a total of 14 children of different ages were diagnosed with juvenile diabetes (Type 1 diabetes) at the PHI "General Hospital," in Strumica. 9 of them were male and 5 were female. A significant increase in diagnosed cases was observed after the COVID-19 pandemic.

Conclusions: Early diagnosis and timely therapy are of critical importance for this group of patients. In addition to medical care and therapy, psychological support is also essential to help children understand and accept their condition. The PHI "General Hospital," in Strumica has a well-equipped medical and professional team that works daily with these patients, ensuring proper care and support.

Keywords: juvenile diabetes, coronary artery disease, gastrointestinal complications, diabetic nephropathy, psychotherapy, diagnosis.