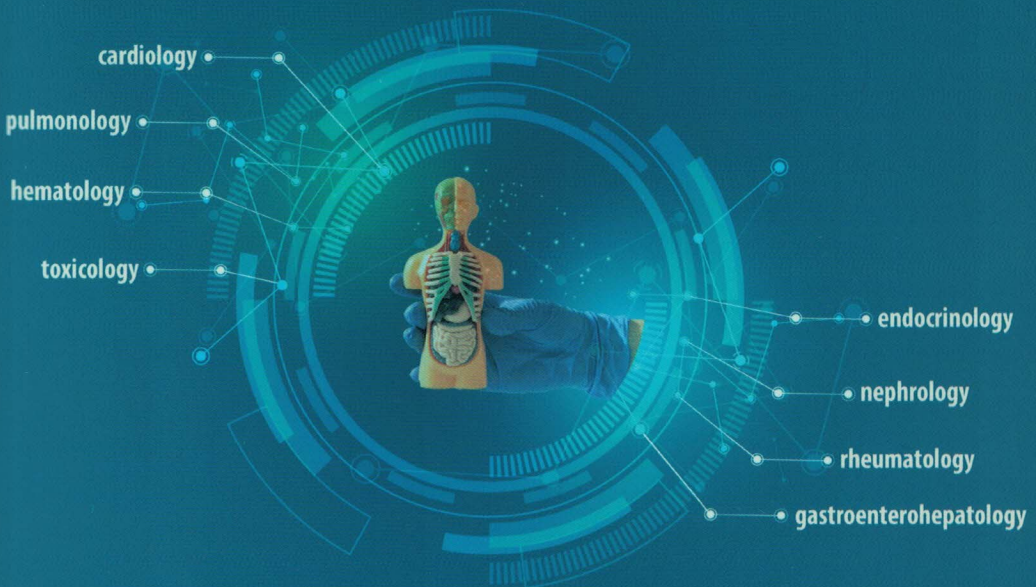




# FIRST MACEDONIAN CONGRESS IN INTERNAL MEDICINE

**“A Mutual Multidisciplinary Approach  
Towards the Guidelines Challenges”**

## ABSTRACT BOOK



19-22 May 2022  
Hotel Metropol - Ohrid, RNM

## WELCOME ADDRESS

**Respected and dear internists, dear associates and colleagues,**

We welcome you to the First Macedonian Congress in internal medicine that will be held in Ohrid, Hotel Metropol, in the period between **19 – 22 May 2022**.

Over the past 10 years, the Association of Internist of RM, through the great and dynamic character of events, has managed to prove the need for a multidisciplinary approach and the importance of a holistic-central positioned internist, individually focused on the patient. Under the motto "A mutual multidisciplinary approach towards the guidelines challenges", we want to highlight the importance of communication and interdisciplinary cooperation between specialties, wherein the modern concept of Macedonian health care, prevention, and timely treatment should be strengthened.

Encouraged and motivated by the success of the multidisciplinary workshops, schools, and events that were organized in the previous 10 years, the First Macedonian Congress on Internal Medicine will aim to offer an extensive internist program, focusing on the diseases that carry the wave of high mortality and morbidity rate, in our country and beyond.

The city of Ohrid and the month of May, as the eternal authenticity of the congress beauties in Macedonia, will remind us of the true values of life and profession, which were limited for a moment by the Covid 19 pandemic.

With impatience and desire to exchange experiences.

**We welcome you at the First Macedonian Congress in Internal Medicine.**

**D-r Aleksandar Manolev**

President of Association of Internist of RM  
President of the First Macedonian Congress in Internal Medicine



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discharged in a stable condition on the tenth hospital day.

We can conclude that timely initiation of renal replacement therapy in combination with parenteral administration of bicarbonate allows simultaneous drug removal, correction of lactate and acid-base status and should be applied independently of measured pH and lactate levels after potentially dangerous overdoses.

**Key words:** metformin poisoning, lactic acidosis, renal replacement therapy

## 23. NEWLY DIAGNOSED MULTIPLE MYELOMA AFTER COVID 19 INFECTION

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**Introduction:** Multiple myeloma is a malignant proliferation of plasma cells producing a monoclonal paraprotein, the second most common hematologic malignancy. Multiple myeloma can present in different ways for example hypercalcemia, hyperviscosity, renal failure and bone pains. The primary cause of morbidity and mortality in patients with MM is an infection. Covid 19 is an infectious disease caused by SARS-COV-2 who has become a global pandemic and serious health problem.

**Objectives:** 70 years old female who has a history of fatigue, anemic syndrome, lost of weight 5 kg in past 3 months, renal failure and also hospitalization of two weeks at department for Infective disease (Covid 19 positive) was hospitalized in our department. From comorbidities she has HTA and hysterectomy done at aged of 50. On examination was cachectic with dyspnea and sinus tachycardia.

**Materials and methods:** Laboratory findings = high sedimentation (130), normochromic anemia (hgb = 79, rbc = 2,57, mcv = 83,6), hyperuricemia (679), hypocalcemia (1,92), ldh was normal, hypoalbuminemia (22), hyperproteinemia (146), negative tumor markers (cea,ca 15-3, ca 19-9, ca 125), elevated urea (10,6) and creatinin (169,5)+1 of protein on urinalysis, negative markers for hepatitis B and C. Gastroscopy - Gastritis chronica. Erosiones chr.mucosae ventriculi. CT scan of abdomen and pelvis = non significant ascites in the pelvis. Diffuse small osteolytic lesions are seen on skeletal window.

**Results:** This patient was transferred to Clinic of Hematology the diagnose was confirmed, (Myeloma multiplex Ig G type), Sternal puncture - infiltration with plasma cells 80%, chemotherapy was started and because of syndrome of hyperviscosity (total proteins 154, IgG 107) were done also two plasmapheresis.

**Conclusion:** This case confirmed the necessity of preventive measures worldwide to protect vulnerable patients from SARS-COV2 infection and especially MM patients that have not been diagnosed on time or have died during pandemic.

**Keywords:** MM (Multiple myeloma), Sars Cov2