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**HOLIDAY INN
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**BOOK OF ABSTRACTS
КНИГА НА АПСТРАКТИ**

~ International Case Report Congress ~
~ April 2024 ~

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МАКЕДОНСКО ЛЕКАРСКО ДРУШТВО

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Professor Dr Goran Dimitrov
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Welcome Note

Dear esteemed colleagues and friends,

With great pleasure, I extend a warm welcome to each and every one of you to the abstract book of the 2nd International Case Report Congress, proudly organized by the Macedonian Medical Association. It is an honor to convene once again and provide a platform for medical professionals worldwide to converge, exchange insights, and illuminate the intricate tapestry of unique medical cases.

As the President of the Macedonian Medical Association, I am deeply privileged to oversee this significant gathering, where healthcare professionals from diverse backgrounds and specialties unite. The forthcoming presentations and dialogues promise to be illuminating, fostering new discoveries, and pushing the boundaries of medical knowledge ever forward.

The case reports featured within this abstract book exemplify the unwavering dedication and relentless efforts of medical professionals in enhancing patient care and outcomes. They underscore the indispensable value of personalized, holistic approaches to patient management, as well as the imperative for ongoing research and education within our field.

I wish to extend my heartfelt gratitude to all participants, esteemed speakers, and diligent organizers for their invaluable contributions to this Congress. May the insights and experiences shared during this event serve as a beacon of guidance and inspiration for all those devoted to the advancement of medicine.

With warm regards,

Prof. Dr. Goran Dimitrov
President of Macedonian Medical Association

~ International Case Report Congress ~
~ April 2024 ~



Dr Onur Dika
President
Organizing Committee

Dear esteemed colleagues,

It is my distinct pleasure to extend a warm welcome to each of you as we convene for the 2nd International Case Report Congress. As the president of the organizing committee, I am deeply honored to play a role in orchestrating this significant event.

I am profoundly grateful to Prof. Dr. Goran Dimitrov, President of the Macedonian Medical Association, for entrusting me with the privilege to organize this congress and for his steadfast support of young medical professionals. His dedication to advancing medical knowledge is truly commendable.

I also wish to express my heartfelt appreciation to the hardworking members of the organizing committee whose tireless efforts have been instrumental in bringing this congress to fruition. Their commitment to excellence is evident in every aspect of our preparations.

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Over the coming days, we have the privilege of hearing from esteemed experts in the field of case reporting. I am confident that this congress will provide an invaluable opportunity for attendees to glean insights, exchange ideas, and forge new connections that will shape the future of medical practice.

Once again, I extend a warm welcome to each of you to the 2nd International Case Report Congress. I eagerly anticipate the enriching discussions and productive collaborations that lie ahead.

Warm regards,

Acute Eosinophilic Pneumonia: A Radiological Exploration in a 37-Year-Old Patient

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This case report delves into the clinical and imaging features of Acute Eosinophilic Pneumonia (AEP) in a 37-year-old administrative worker. The patient was presented with a persistent and productive cough, fatigue, and peripheral eosinophilia. The diagnostic journey, including chest radiography, HRCT imaging, and broncho-alveolar lavage, aimed to unravel the unique aspects of AEP in this specific presentation.

Hypoxemia and diffuse alveolar opacities on chest radiography and HRCT marked the clinical presentation. Broncho-alveolar lavage fluid analysis revealed a remarkably high eosinophil count, confirming the eosinophilic nature of the pneumonia.

HRCT imaging unveiled bilateral ground-glass areas, interlobular septal thickening, broncho-vascular bundle thickening, and ill-defined centrilobular nodules. Zonal distribution analysis showcased a random apico-basal pattern, predominantly affecting the lower lobes.

Prompt initiation of corticosteroid therapy led to a rapid and complete response, with no relapse after discontinuation. The patient's clinical symptoms improved significantly, aligning with the expected therapeutic response in AEP.

This case report underscores the specific HRCT manifestations of AEP in a 37-year-old patient, contributing valuable insights to the understanding of this eosinophilic lung disease. The rapid and favorable response to corticosteroids further supports the accurate diagnosis of AEP.

Acute Eosinophilic Pneumonia in this 37-year-old patient demonstrates distinct radiological patterns crucial for diagnosis. The case report enhances awareness among clinicians and radiologists, emphasizing the significance of recognizing AEP in the spectrum of acute respiratory illnesses.

Keywords: Acute Eosinophilic Pneumonia (AEP), case report, eosinophilic broncho-alveolar lavage, HRCT imaging, zonal distribution.