

MED UPDATE EUROPE GMBH · HAGENAUER STRASSE 53 · 65203 WIESBADEN

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Wiesbaden, January 16th 2018

ePoster Certificate

Dear Dr. Stojchevska-Prodanovska,

Thank you for attending the 4th Pneumo Update Europe which took place June 9-10, 2017 in Vienna, Austria.

We are happy to confirm that your submitted ePoster

"Nutritional Status in Elderly Patients with COPD"

Authors: Stojchevska P¹, Jovanovska T¹, Trajkovska C², Rajchanovska D¹, Filov I¹.

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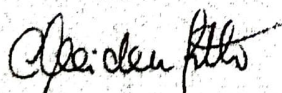
² Pulmonology and Allergy Clinic, Skopje, Republic of Macedonia

was accepted by the Scientific Board of the congress and displayed on-site.

During the congress all important fields of pneumology were covered in two intense and exciting days. Both clinicians and practitioners profited immensely from the lectures, and improved their clinical and practical knowledge as well as the quality of their daily work. Participants also had the opportunity to interact with colleagues, exchange experiences and information on current trends and future directions in pneumology.

We hope to welcome you to the 5th Pneumo Update Europe in Budapest, 15-16 June, 2018.

Sincerely,



Claudia Weidenfeller
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Nutritional Status in Elderly Patients with COPD

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Introduction: Chronic obstructive pulmonary disease is a chronic illness that can lead to poor nutritional status due to an increased energy requirements related to labored breathing. Poor nutritional status in COPD patients has been related to adverse effects that may contribute to complications and increased mortality. The aim of this study was to assess the risk of malnutrition among patients with COPD.

Methods: The study included COPD patients to whom nutritive assessment for using standardised MNA has been conducted.

Results: As of the total number of participants 37% are females and 63% are males, where the most prevalent age of the participants was above 65 out of which 68,42% were males. According the data for values of FEV1 38% from the male participants are at the middle stage of the disease, and among the females 46% are in a severe stage of COPD. The results from MNA have shown that 68,42% of males and 54,54% of females do not registered any malnutrition risks, and 10,52% from the males and 27,27% of females register presence of malnutrition risk. Correlation coefficient between the malnutrition risk and FEV1 values is $r = 0.310094$, for $p < 0.5$, which refers to presence of statistically significant link between these two parameters.

Conclusion: The risk of malnutrition is frequent among COPD patients; especially for elderly people therefore it is necessary to pay special attention for the early detection of the risk of malnutrition and education for a timely prevention.

Key words: malnutrition, COPD, elderly patients.