

Is There a Positive Correlation Between Body Mass Index and Clinical Variants of Psoriasis, Disease duration and Positive Family History of Psoriasis?

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Abstract

Abstract background: Psoriasis is a common, chronic, immune-mediated, inflammatory and proliferative skin disease in which both genetic and environmental influences have a role in its pathogenesis. Body Mass Index (BMI) is commonly used to classify underweight, overweight and obesity. It represents weight-to height ratio. The relationship between psoriasis and obesity is probably bidirectional.

Objectives: Aim of this study is to evaluate the correlation between psoriasis and obesity, whether a quantitative graduation of overweight using BMI shows direct correlation with various clinical variants of psoriasis, disease duration and having positive family history of psoriasis.

Patients and methods: This prospective, observational descriptive cross-sectional study included 120 psoriatic patients who were referred to Dermatology Department at Clinical Centre of Vojvodina. Clinical variants of psoriasis were determined. Age, gender, duration of the disease, BMI and family history of psoriasis were measured and compared.

Results: 64 (53.3%) males and 56 (46.7%) females were included in this study. The mean age was 49.5 ± 15.5 years. The most present clinical variant of psoriasis was psoriasis vulgaris (55%). 51 (42.5%) of patients were overweight, 23.3% were obese and 1.7% were morbidly obese. The mean BMI was high (27.7 ± 5.2). Positive family history of psoriasis was found in 33 (27.5%) patients.



Biography:

Olivera Levakov works at University Hospital, Clinical Centre of Vojvodina, as a dermatologist. She is employed at Faculty of Medicine as an assistant professor as well and attending the last year of the PhD studies.

Speaker Publications:

1. "University of Rijeka, Faculty of Medicine: Rijeka, HR
2. "Faculty of Agriculture, University of Udine: Udine, IT
3. "Faculty of Food Technology and Biotechnology, University of Zagreb: Zagreb, HR
4. "Effect of Different Clarification Methods on Volatile Aroma Compound Composition of Virgin Olive Oil
5. "Complex interactive effects of ripening degree, malaxation duration and temperature on *Oblica cv.* virgin olive oil phenols, volatiles and sensory quality

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