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The MPV is a new marker to predict the menopause

Havva Keskin¹, Yasemin Kaya², Kenan Cadirci³, Hakan Gozcu³, Elif Ziyapak³, Ayse Carlioglu³ and Senay Arikan⁴

¹Istanbul Medeniyet University, Turkey

²Ordu University, Turkey

³Erzurum Regional Training and Research Hospital, Turkey

⁴Kirikkale University, Turkey

Introduction & Aim: Systemic chronic inflammation causes atherosclerotic lesions and the Neutrophil-Lymphocyte Ratio (NLR) is an indicator of systemic inflammation. We found out the NLR was high in young male with Idiopathic Hypogonadotropic Hypogonadism (IHH). Systemic chronic inflammation causes atherosclerotic lesions and the Neutrophil-Lymphocyte Ratio (NLR) is an indicator of this systemic inflammation. Awareness of the inflammation in the young male with IHH is important to reduce the death rate in these patients. The aim of this study is to determine whether NLR was higher in male IHH patients.

Method: A total of 33 IHH untreated patients and 56 age adjusted healthy controls were enrolled in this study. Blood sampling, anthropometric measures and physical examination were undertaken.

Result: Neutrophils, NLR, CRP and UA levels of in the IHH group were slightly higher than control as inflammatory markers. This NLR was higher than the controls as independently from the fasting glucose, age and Body Mass Index (BMI) in hypogonadism patients

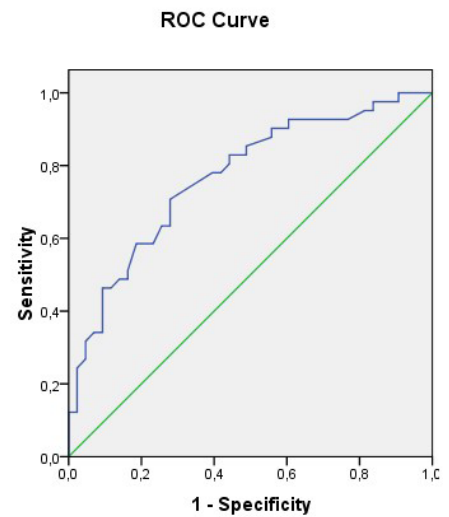
Conclusion: Several systemic inflammatory markers and the NLR were higher in IHH patients. The NLR was also positively correlated with other inflammatory markers.

Biography

Havva Keskin is working on a Doctoral Program in Epidemiology and Data Management at Istanbul Medeniyet University Research Hospital, Turkey. She has completed her Residency at Ankara University Hospital. She has worked with Professor Philip R Taylor as a Guest Researcher and Fellow Assistant at National Institutes of Health (NIH), National Cancer Institute (NCI), Division of Cancer Epidemiology and Genetics, Metabolic Epidemiology Branch.

havva.drkeskin@gmail.com

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Diagonal segments are produced by ties.