

# HEMOGRAM OF INDIVIDUALS WITH POSITIVE COVID-19 TEST AND C-REACTIVEPROTEIN VALUES

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## Abstract

In this study, Hemogram and C-reactive Protein measurement values of individuals who applied to Afyonkarahisar State Hospital with suspicion of Covid-19 disease and whose Covid-19 test result was positive (+) were analyzed. The material of this study consisted of Hemogram and C-reactive Protein parameter measurement values of patients with positive (+) Covid-19 test results (n=357) and healthy individuals with negative (-) Covid-19 test results (n=50). IBM SPSS 20.0 package program was used for statistical analysis of the data obtained. As a result of the holistic evaluation of the analysis results of the study and statistical comparison of the study groups and all age ranges, it was observed that the CRP measurement value of the patient study group increased significantly compared to the control group. In terms of hemogram measurement values, NEU, NEU% measurements of the patient study group increased, PLT, LYM, EOS, LYM% measurements decreased and statistical difference significance was determined ( $p<0.05$ ). In this study, the changes in the biochemical and hematologic blood parameter values of the SARS-CoV-2 virus, the causative agent of Covid-19 disease, were examined. It is thought that the data obtained as a result of the study will contribute to researchers working in this field.

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