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ALTERATIONS IN CRP, D-DIMER AND LDH LEVELS IN PATIENTS WITH COVID 19

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ABSTRACT

The previously unknown coronavirus type called SARS-CoV-2 first appeared during December 2019 in Wuhan, Hubei Province in China, whereas it was isolated in January 2020. During February 2020 in the Republic of Northern Macedonia was confirmed the first case of COVID 19. It was a patient born in 1970, whom had stayed in Italy for some time. Alternations in biochemical parameters have been observed in various researches conducted in different countries. The aim of this study is to evaluate the alternations in the biochemical parameters CRP, D-dimer and LDH levels, as important markers in a group of patients diagnosed with COVID 19 in the Polog region. The study included 118 patients with COVID-19, whose analysis were performed in the Laboratory of the Clinical Hospital of Tetovo. Levels of biochemical parameters, such as D-dimers, CRP and LDH were increased in patients infected with SARS-CoV-2 (2019), these parameters can be used as important biomarkers which help healthcares to detect these patients in early stages, for adequate treatment, follow the treatment and prognosis of the disorder.

KEYWORDS: *Covid-19, D-dimers, CRP, LDH*