



Letter to the Editor

Lymphocytes and Eosinophils Associated with the Coronavirus Disease-2019 Severity

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Dear Editor,

We would like to share ideas on the publication “Are lymphocytes and eosinophils associated with the COVID-19 severity: A large, retrospective study.”¹ The goal of Duman et al¹ was to look at the connection between the coronavirus disease-2019 (COVID-19) severity at hospital admission and demographics, lymphocytes, and eosinophils. According to Duman et al.¹ lymphocyte counts and percentages are rapid and accurate biomarkers for estimating the severity of COVID-2019 and may direct doctors toward appropriate management early.

We concur that the investigated laboratory parameter may offer some clinical advantages in the treatment of COVID-19. The pathogen variant, therapeutic therapy, and background health state are a few of the elements that mostly affect how severe COVID-19 is. The white cell count is a laboratory statistic that can be impacted by a number of variables. Eosinophil, for instance, may be impacted by an ongoing parasite infestation. The quality control process itself is a crucial element that may go unmentioned. The basic complete blood count values, which are derived from an automated hematology analyzer, provide the basis for the parameter. It is important to note the specification and quality control of the analysis performed using an automated hematology analyzer. There may be difference between different analyzers. Different hematological analyzers and other complicating personal illnesses can have an impact on the results.^{2,3}

Declaration of Interests: The authors have no conflict of interest to declare.

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