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Darmawati, dr. Asdar Tajuddin Sp.B

*1Student of Faculty of Medicine, University of Muhammadiyah Makassar batch
2017 / email darmawatihd99@gmail.com*

2Supervisor

**“ NEUTROPHIL LYMPHOCYTE RATIO (NLR) PADA PASIEN COVID
19 DI RUMAH SAKIT PELAMONIA MAKASSAR PERIODE MEI
AGUSTUS 2020 “**

ABSTRACT

Background: Coronavirus or Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV2) or what is known as COVID-19 is a Corona virus which can cause respiratory problems, acute pneumonia, and even death. There are several risk factors that can cause the transmission of Covid-19 / coronavirus disease 19 close contact, including living in the same house with a COVID-19 patient and a history of travel to infected areas, medical personnel who are one of the population at high risk of contracting. The prevalence number of confirmed cases of COVID-19 infection is 571,678 cases. The death rate from this disease reaches 4-5%. Indonesia's death rate is 9%, including the highest mortality.

Research Objectives: Analysis of Neutrophil Lymphocyte Ratio (NLR) in COVID-19 patients at Pelamonia Hospital, Makassar, September - November 2020.

Research method: descriptive study with cross sectional approach (cross-sectional).

Results: From the research results, it was found that there was a close relationship between NLR levels and COVID-19 in patients treated at Pelamonia Hospital

Makassar. Thus, NLR can be used to assist diagnosis in confirmed cases of COVID-19. Statistical test obtained with a significance value of $0.013 < 0.05$.

Conclusion: get that the sample is dominated by men, the age group is 41 - 60 years, the NLR sample is more normal (> 5.8), there is a relationship between the NLR level in helping diagnose COVID-19.

Keywords: NRL, COVID-19

