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THE RELATIONSHIP OF COMORBID DISEASES TO THE DEGREE OF ADMISSION AND FINAL STATUS OF COVID-19 PATIENTS AT LABUANG BAJI HOSPITAL MAKASSAR CITY IN 2020-2022

ABSTRACT

Background: Coronavirus Disease 2019 (COVID-19) was declared an international public health emergency in February 2020 and first appeared in Wuhan City, Hubei Province, China. The initial appearance of the disease was provisionally named as 2019 novel coronavirus (2019-nCoV). The most important risk factor for COVID-19 is a history of contact with COVID-19 infected patients. All age groups can be infected with COVID-19. However, individuals aged 60 years or above, with comorbidities such as diabetes, chronic respiratory disease, and cardiovascular disease, have a higher risk of infection.

Objective of the study: to see if there is a relationship between comorbid diseases and the severity of admission and final status of Covid-19 patients at Labuang Baji Hospital Makassar 2020-2022.

Research Methods: This study is an analytic descriptive study with a cross sectional method. The population in the study used was patients who had been diagnosed with positive COVID-19 who were recorded in the medical records section at Labuang Baji Hospital Makassar in 02 2020-2022. with the number of samples obtained as many as 421 samples. Where all data is obtained from secondary data in the form of medical records of COVID-19 patients.

Results: The results showed a relationship between comorbid diseases and the severity of admission ($p = 0.000$), Final Status ($p = 0.019$).

Conclusion: There is a relationship between comorbid diseases and the severity of admissions and the final status of COVID-19 patients. Comorbid diseases in COVID-19 patients are hypertension, DM, COPD, CAD, TB, bronchial asthma, cardiomegaly, bilateral pneumonia, CHD, HIV.

Keywords: COVID-19, Comorbidities, Age, Gender, Admissions, Final Status.