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Description and Level of Difficulty in Learning Hematology for Medical Laboratory Technology (MLT) Students during One Year of the COVID-19 Pandemic

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ABSTRACT

This research aims (1) to determine the description of learning difficulties at 29 the percentage of supporting and inhibiting factors for learning hematology in the COVID-25 pandemic era, (2) to determine the success rate of learning hematology in the COVID-19 pandemic era. This research is a qualitative descriptive type, with research subjects from D4 Analyst students at the Universitas Muhammadiyah Semarang who study hematology. This data collection was carried out from Februar 16 to March 2021. Data were collected from a questionnaire via Google Form. Based on the results of the study, the following findings were obtained: 1) description and percentage of supporting and inhibiting factors for hematology learning difficulties as follows: (1) health factors (53.33%), (2) cognitive factors (60%), (3) interest factors (50%). The average internal factor of hematology learning difficulties is 54.44% in the medium category. While the percentage of external factors of learning difficulties in hematology are as follows: (1) family factors (46.67%), (2) living place conditions (46.67%), (3) facilities (48.89%), (4) learning materials (54%). The average external factor of hematology learning difficulties is 49.06% in the medium category, 2) the success rate of learning hematology in the COVID-19 pandemic era with an average of 61.73 (medium). The study results can 14 tribute in the form of information on the description of the factors of learning difficulties in the Hematology course in the COVID-19 pandemic era as a basis for finding solutions.

INTRODUCTION

Corona Virus Disease (COVID-19) is a new disease that attacks the human respiratory system caused by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). The nature of this virus is that it has a high-speed spread rate and attacks almost all 32 untries globally, including Indonesia, in a short time. First discovered in Wuhan, China, on 37 January 7, 2020, the Chinese government identified it 13 the Corona Virus. The first case in Indonesia was announced on March 2, 2020, and on March 11, 2020, the world health organization declared COVID-19 a pandemic/epidemic throughout the world (Kemenkes RI, 2020).

The speedy spread of COVID-19 at 4 reaching almost all provinces in Indonesia with many cases and/or deaths led to Presidential Decree No. 11 of 2020 concerning Determination of Public Health Emergency (PHE). In tackling the PHE, the Government

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