

POLITEKNIK KESEHATAN TANJUNGPINANG
JURUSAN ANALIS KESEHATAN
PRODI TEKNOLOGI LABORATORIUM MEDIS
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Gambaran Derajat dan Jenis Anemia Penderita Anemia di Laboratorium
RSUD Mayjend. H.M. Ryacudu Kotabumi Lampung Utara Tahun 2020

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ABSTRAK

Anemia merupakan kondisi jumlah sel darah merah atau konsentrasi hemoglobin di dalamnya lebih rendah, jika sel darah merah abnormal akan terjadi penurunan kapasitas darah untuk membawa oksigen ke jaringan tubuh. Menyebabkan gejala kelelahan, lemah, pusing, dan sesak nafas. Derajat anemia ditentukan berdasarkan kadar hemoglobin, ringan sekali-berat. Untuk menentukan jenis anemia harus mengetahui nilai indeks eritrosit yaitu MCV, MCH dan MCHC. Penelitian ini bertujuan mengetahui gambaran derajat dan jenis anemia penderita anemia di Laboratorium RSUD Mayjend. H.M. Ryacudu Kotabumi Lampung Utara Tahun 2020. Penelitian bersifat deskriptif. Rancangan penelitian *cross sectional*. Analisa data univariat. Sampel diambil dari data laboratorium penderita anemia yang melakukan pemeriksaan hemoglobin dan indeks eritrosit pertama kali. Hasil penelitian penderita anemia 214 penderita. Penderita anemia laki-laki sebanyak 99 (46,26%) penderita dan perempuan sebanyak 115 (53,74%) penderita. Penderita anemia urutan terbanyak usia 55-64 tahun sebanyak 45 (21,02%) penderita dan usia >65 tahun sebanyak 44 (20,56%) penderita. Derajat anemia berdasarkan kadar hemoglobin, ringan sekali sebanyak 10 (4,67%) penderita, ringan sebanyak 21 (9,81%) penderita, sedang sebanyak 117 (54,68%) penderita, dan berat sebanyak 66 (30,84%) penderita. Jenis anemia berdasarkan indeks eritrosit, anemia *normokromik normositik* sebanyak 159 (74,30%) penderita, anemia *normokromik makrositik* sebanyak 2 (0,93%) penderita, dan anemia *hipokromik mikrositik* sebanyak 53 (24,77%) penderita.

Kata kunci : Derajat anemia dan Jenis anemia
Daftar bacaan : 28 (1979-2021)

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Description of the Degrees and Types of Anemia in Anemia Patients at the
Laboratory RSUD Mayjend. H.M. Ryacudu Kotabumi North Lampung in
2020

ABSTRACT

Anemia is a condition in which the number of red blood cells or the concentration of hemoglobin in them is lower, if the red blood cells are abnormal, there will be a decrease in the capacity of the blood to carry oxygen to body tissues. Causes symptoms of fatigue, weakness, dizziness, and shortness of breath. The degree of anemia is determined by hemoglobin levels, from mild to severe. To determine the type of anemia, one must know the value of the erythrocyte index, namely MCV, MCH and MCHC. This study aims to describe the degrees and types of anemia in anemia patients at the Laboratory RSUD Mayjend. H.M. Ryacudu Kotabumi North Lampung in 2020. This research is descriptive. The research design is cross sectional. Univariate data analysis. Samples were taken from laboratory data of anemic patients who performed hemoglobin and erythrocyte index examinations for the first time. The results of the study were 214 patients with anemia. There were 99 (46.26%) male patients with anemia and 115 (53.74%) female sufferers. Most anemia sufferers aged 55-64 years were 45 (21.02%) patients and aged >65 years were 44 (20.56%) patients. The degree of anemia was based on hemoglobin levels, very mild in 10 (4.67%) patients, mild in 21 (9.81%) patients, moderate in 117 (54.68%) patients, and severe in 66 (30.84%) patients. Types of anemia based on erythrocyte index, normochromic normocytic anemia as many as 159 (74.30%) patients, normochromic macrocytic anemia as many as 2 (0.93%) patients, and hypochromic microcytic anemia as many as 53 (24.77%) patients.

Keywords : Degree of anemia and Types of anemia
Reading list : 28 (1979-2021)