

POLITEKNIK KESEHATAN TANJUNGPUR  
PROGRAM STUDI TEKNOLOGI LABORATORIUM MEDIS  
PROGRAM DIPLOMA TIGA  
Karya Tulis Ilmiah, Juli 2021

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Gambaran Jenis Anemia Berdasarkan Indeks Eritrosit Penderita Tuberkulosis  
Paru di RSUD Jend. A. Yani Metro Tahun 2019-2020

xiv + 32 halaman, 8 tabel, 9 gambar, 10 lampiran

### ABSTRAK

Tuberkulosis merupakan salah satu penyakit kronik yang menyebabkan anemia. Anemia menjadi komplikasi tersering yang ditemukan pada penderita tuberkulosis dan merupakan salah satu faktor risiko kematian. Anemia adalah kondisi dimana jumlah sel darah merah kurang dari normal. Penelitian ini bertujuan untuk mengetahui gambaran jenis anemia berdasarkan indeks eritrosit penderita tuberkulosis paru di RSUD Jend. A. Yani Metro Tahun 2019-2020. Penelitian ini bersifat deskriptif, sampel penelitian diambil dari data rekam medik penderita tuberkulosis paru yang melakukan pemeriksaan hemoglobin, hematokrit, hitung jumlah eritrosit, dan indeks eritrosit di laboratorium RSUD Jend. A. Yani Metro. Hasil penelitian diperoleh, dari 88 penderita tuberkulosis paru, 74 penderita (84%) mengalami anemia. Nilai indeks eritrosit penderita TB paru yang mengalami anemia meliputi, nilai MCV rendah 26 penderita (58%), normal 43 penderita (35%), dan tinggi 5 penderita (7%). Nilai MCH rendah 28 penderita (38%), normal 38 penderita (51%), dan tinggi 8 penderita (5%). Nilai MCHC rendah 4 penderita (5%), normal 63 penderita (85%), dan tinggi 7 penderita (9%). Berdasarkan nilai indeks eritrosit, jenis anemia yang didapatkan pada penderita tuberkulosis paru diantaranya, sebanyak 43 penderita (58,1%) mengalami anemia jenis normokromik normositer, 27 penderita (36,5%) anemia hipokromik mikrositer, dan 4 penderita (5,4%) anemia jenis makrositer.

**Kata Kunci** : Tuberkulosis, Anemia, Indeks Eritrosit

**Daftar Bacaan** : 40 (1994-2021)

TANJUNGPURANG HEALTH POLYTECHNIC  
MEDICAL LABORATORY TECHNOLOGY STUDY PROGRAM  
THREE DIPLOMA PROGRAM  
Scientific Writing, July 2021

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Description of Types of Anemia Based on Erythrocyte Index of Patients with  
Pulmonary Tuberculosis in General Hospital Jend. A. Yani Metro 2019-2020

xiv + 32 pages, 8 tables, 9 pictures, 10 attachments

### **ABSTRACT**

Tuberculosis is a chronic disease that causes anemia. Anemia is the most common complication found in patients with tuberculosis and is a risk factor for death. Anemia is a condition in which the number of red blood cells is less than normal. This study aims to determine the description of the type of anemia based on the erythrocyte index of patients with pulmonary tuberculosis in RSUD Jend. A. Yani Metro Year 2019-2020. This research is descriptive, the research sample is taken from medical records of pulmonary tuberculosis patients who perform hemoglobin, hematocrit, erythrocyte count, and erythrocyte index in the laboratory of RSUD Jend. A. Yani Metro. The results obtained, from 88 patients with pulmonary tuberculosis, 74 patients (84%) had anemia. The erythrocyte index values of patients with pulmonary TB who experienced anemia included low MCV values in 26 patients (58%), normal 43 patients (35%), and high 5 patients (7%). Low MCH value 28 patients (38%), normal 38 patients (51%), and high 8 patients (5%). Low MCHC value 4 patients (5%), normal 63 patients (85%), and high 7 patients (9%). Based on the erythrocyte index value, the types of anemia found in pulmonary tuberculosis patients were 43 patients (58.1%) had normochromic normocytic anemia, 27 patients (36.5%) had microcytic hypochromic anemia, and 4 patients (5.4%) ) macrocytic anemia.

Keywords: Tuberculosis, Anemia, Erythrocyte Index  
Reading List : 40 (1994-2021)