

GAMBARAN INDEKS ERITROSIT PADA PENDERITA CACING TAMBANG DI PUSKESMAS GUBUG I

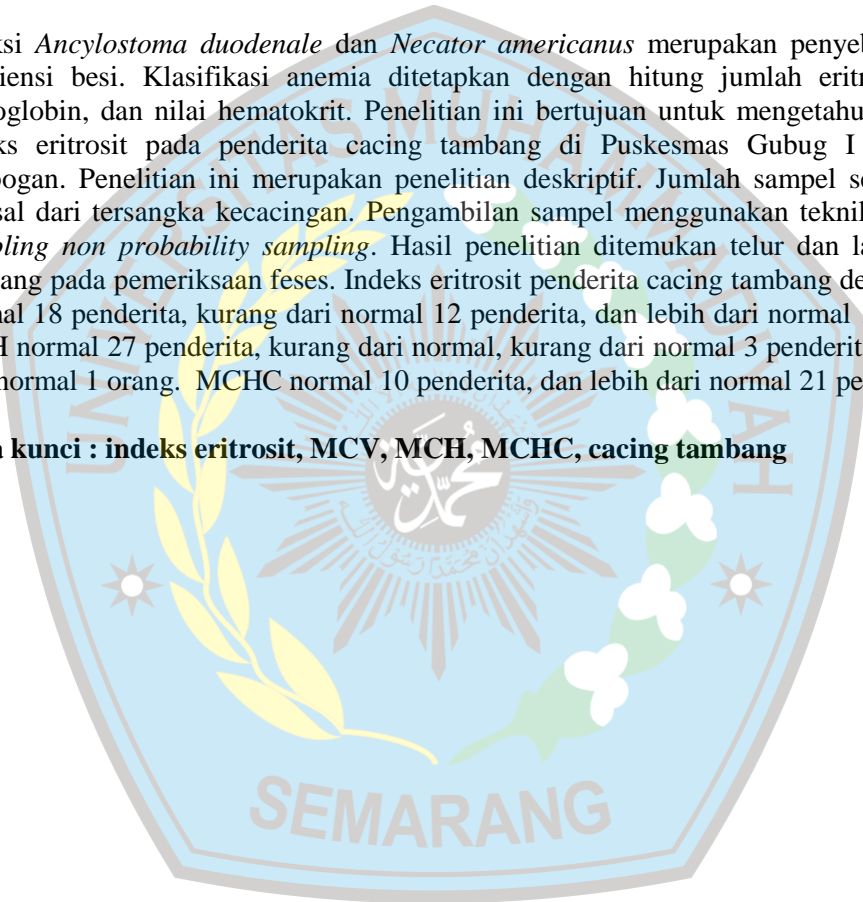
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ABSTRAK

Infeksi *Ancylostoma duodenale* dan *Necator americanus* merupakan penyebab anemia defisiensi besi. Klasifikasi anemia ditetapkan dengan hitung jumlah eritrosit, kadar hemoglobin, dan nilai hematokrit. Penelitian ini bertujuan untuk mengetahui gambaran indeks eritrosit pada penderita cacing tambang di Puskesmas Gubug I Kabupaten Grobogan. Penelitian ini merupakan penelitian deskriptif. Jumlah sampel sebanyak 31 berasal dari tersangka kecacingan. Pengambilan sampel menggunakan teknik *purposive sampling non probability sampling*. Hasil penelitian ditemukan telur dan larva cacing tambang pada pemeriksaan feses. Indeks eritrosit penderita cacing tambang dengan MCV normal 18 penderita, kurang dari normal 12 penderita, dan lebih dari normal 1 penderita. MCH normal 27 penderita, kurang dari normal, kurang dari normal 3 penderita, dan lebih dari normal 1 orang. MCHC normal 10 penderita, dan lebih dari normal 21 penderita.

Kata kunci : indeks eritrosit, MCV, MCH, MCHC, cacing tambang



THE DESCRIPTION OF ERYTHROCYTE INDEX ON HOOKWORM PATIENTS AT PUSKESMAS GUBUG I

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ABSTRACT

Infection of *Ancylostoma duodenale* and *Necator americanus* are the cause of iron deficiency anemia. Anemia on hookworm infection is progressive, hypochromic, microcytic, iron deficiency type of anemia. Anemia classification was determined by counting the erythrocytes number, hemoglobin level, and hematocrit values. The research goal was to know the description of erythrocyte index on hookworm patients at Puskesmas Gubug I Grobogan District. This research is a descriptive research. Samples was 31 respondents according to suspect of worm infestation and used purposive sampling non probability sampling technique. The research result was found eggs and larvae of hookworm on feces examination. Erythrocyte index of hookworm patients with normal MCV as much as 18 patients, less than normal as much as 12 patients, and more than normal as much as 1 patient. The normal MCH as much as 27 patients, less than normal, less than normal 3 patients, and more than normal as much as 1 person. The normal MCHC as much as 10 patients, and more than normal as much as 21 patients.

Keywords: erythrocyte index, MCV, MCH, MCHC, hookworm