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Hubungan Kadar Transferin dengan Kadar Hemoglobin pada Penderita Hepatitis B di RSUD Dr. H. Abdul Moeloek

xvi + 35 halaman, 7 tabel, 6 gambar dan 10 lampiran

ABSTRAK

Hepatitis B adalah infeksi yang disebabkan oleh virus hepatitis B yang menginfeksi hati dan menyebabkan penyakit akut maupun kronis. Sel hepatosit berfungsi memproduksi protein. Salah satu protein yang dihasilkan adalah transferin, berfungsi sebagai pengangkut zat besi yang diserap dari usus dan metabolisme sel dan jaringan. Penelitian ini bertujuan untuk mengetahui hubungan kadar transferin dengan kadar hemoglobin pada penderita hepatitis B di RSUD Dr. H. Abdul Moeloek. Penelitian ini menggunakan jenis penelitian analitik dengan desain penelitian *cross-sectional*. Sebanyak 30 pasien yang terdiagnosis Hepatitis B menjadi sampel. Didapat responden terbanyak didominasi oleh pasien berjenis kelamin laki-laki 18 orang (60%). Rata-rata kadar transferin pada seluruh sampel adalah 2.31 mg/ml dan hemoglobin adalah 9.8 g/dl. Data yang didapat dilakukan uji *Rank Spearman* dan diperoleh hasil *p-value* kadar transferin dengan kadar hemoglobin sebesar 0.002 dengan koefisien korelasi 0.541. Dapat disimpulkan bahwa terdapat hubungan sedang antara kadar transferin dengan kadar hemoglobin dan semakin rendah kadar transferin maka semakin rendah kadar hemoglobin.

Kata Kunci : Hemoglobin, Hepatitis B, Transferin

Daftar Bacaan : 39 (2008-2024)

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Relationship of Transferrin Levels with Hemoglobin Levels in Hepatitis B Patients at Dr. H. Abdul Moeloek Hospital

xvi + 35 pages, 7 tables, 6 images and 10 attachments

ABSTRACT

Hepatitis B is an infection caused by the hepatitis B virus that infects the liver and causes acute or chronic disease. Hepatocyte cells function to produce proteins. One of the proteins produced is transferrin, which functions as a transporter of iron absorbed from the intestines and cell and tissue metabolism. This study aims to determine the relationship between transferrin levels and hemoglobin levels in hepatitis B patients at Dr. H. Abdul Moeloek Hospital. This study uses an analytical research type with a cross-sectional research design. A total of 30 patients diagnosed with Hepatitis B were sampled. The majority of respondents were male patients, 18 people (60%). The average transferrin level in all samples was 2.31 mg/ml and hemoglobin was 9.8 g/dl. The data obtained were tested using the Spearman Rank test and the p-value of transferrin levels with hemoglobin levels was 0.002 with a correlation coefficient of 0.541. It can be concluded that there is a moderate relationship between transferrin levels and hemoglobin levels and the lower the transferrin levels, the lower the hemoglobin levels.

Keywords : Hemoglobin, Hepatitis B, Transferrin
Reading List : 39 (2008-2024)