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Pengaruh Obat Anti Tuberkulosis Terhadap Kadar Hemoglobin Penderita Tuberkulosis

xiv + 31 halaman, 3 tabel, 3 gambar, 18 lampiran

ABSTRAK

Tuberkulosis menjadi salah satu permasalahan kesehatan utama di dunia, yang saat ini masih menjadi satu dari 10 penyebab kematian tertinggi di seluruh dunia yang disebabkan oleh kuman *Mycobacterium tuberculosis*. Untuk memutus rantai penularan dan menurunkan angka kematian akibat tuberkulosis, dilakukan terapi penyembuhan tuberkulosis dengan pemberian OAT yang memiliki berbagai efek samping diantaranya efek terhadap reaksi hematologi yaitu kadar hemoglobin. Tujuan penelitian ini mengetahui pengaruh obat anti tuberkulosis terhadap kadar hemoglobin penderita tuberkulosis. Metode penelitian ini menggunakan metode studi pustaka dengan melakukan penelusuran artikel ilmiah di beberapa website yang dipublikasikan secara nasional dan internasional dalam waktu 10 tahun terakhir. Hasil dari penelitian ini menunjukkan 7 artikel ilmiah menyatakan persentase penderita tuberkulosis yang menjalani pengobatan memiliki kadar hemoglobin rendah sebanyak 43,2% - 76,2% dan yang memiliki kadar hemoglobin normal sebanyak 23,8% - 57%. Berdasarkan lamanya pengobatan didapatkan hasil kadar hemoglobin dibawah normal banyak terjadi di bulan ke 2 pengobatan (fase intensif). Terdapat 7 artikel yang menjelaskan adanya pengaruh obat anti tuberkulosis terhadap kadar hemoglobin dimana adanya perbedaan yang signifikan pada kadar hemoglobin penderita tuberkulosis sebelum dan setelah pengobatan dengan nilai $p < 0,05$ dan $p < 0,01$.

Kata kunci : Tuberkulosis, Hemoglobin, Obat Anti Tuberkulosis

Daftar Bacaan : 42 (2001-2021)

**TANJUNGPURANG HEALTH POLYTECHNIC
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Effect of Anti-Tuberculosis Drugs on Hemoglobin Levels in Tuberculosis Patients

xiv + 31 pages, 3 tables, 3 pictures, 18 attachments

ABSTRACT

Tuberculosis is one of the main health problems in the world, which is currently still one of the top 10 causes of death worldwide caused by the bacterium *Mycobacterium tuberculosis*. To break the chain of transmission and reduce the death rate due to tuberculosis, tuberculosis cure therapy is carried out by giving OAT which has various side effects including the effect on hematological reactions, namely hemoglobin levels. The purpose of this study was to determine the effect of anti-tuberculosis drugs on hemoglobin levels of tuberculosis patients. This research method uses the literature study method by searching scientific articles on several websites published nationally and internationally in the last 10 years. The results of this study showed that 7 scientific articles stated that the percentage of tuberculosis patients who underwent treatment had low hemoglobin levels of 43.2% - 76.2% and who had normal hemoglobin levels of 23.8% - 57%. Based on the duration of treatment, it was found that the hemoglobin level below normal occurred in the 2nd month of treatment (intensive phase). There are 7 articles that explain the effect of anti-tuberculosis drugs on hemoglobin levels where there is a significant difference in hemoglobin levels of tuberculosis patients before and after treatment with $p < 0.05$ and $p < 0.01$.

Keywords: Tuberculosis, Hemoglobin, Anti Tuberculosis Drugs

Reading List : 42 (2001-2021)