

ABSTRAK

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Judul Skripsi : Korelasi Kadar Hemoglobin dengan Laju Filtrasi Glomerulus pada Pasien Penyakit Ginjal Kronik di RSUD Pringsewu Periode Januari–Februari 2023 dan Tinjauannya Menurut Pandangan Islam

Latar Belakang: Penyakit Ginjal Kronik (PGK) merupakan masalah kesehatan global dengan prevalensi yang terus meningkat. Penelitian ini menganalisis korelasi antara kadar hemoglobin dan laju filtrasi glomerulus (LFG) pada pasien PGK di RSUD Pringsewu Lampung.

Metode: Penelitian observasional-analitik dengan pendekatan cross-sectional dilakukan pada 87 pasien PGK menggunakan data retrospektif Januari–Februari 2023. Uji korelasi Spearman digunakan untuk menentukan hubungan hemoglobin dan LFG.

Hasil: Sebeagian besar pasien memiliki kadar hemoglobin di bawah 12 g/dL (89,7%) dan $LFG \leq 15 \text{ mL/menit/1,73 m}^2$ (85,1%). Analisis korelasi menunjukkan hubungan positif lemah ($r = 0,230$, $p = 0,032$) antara hemoglobin dan LFG.

Kesimpulan: Kadar hemoglobin berkorelasi positif dengan laju filtrasi glomerulus pada pasien PGK. Penanganan anemia dapat meningkatkan hasil terapi pasien PGK.

Kata Kunci: Kadar Hemoglobin, Laju Filtrasi Glomerulus, Penyakit Ginjal Kronik, Anemia

ABSTRACT

Name : Muhammad Fauzan H
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Title : Correlation Between Hemoglobin Levels and Glomerular Filtration Rate in Chronic Kidney Disease Patients at Pringsewu District Hospital During January–February 2023 and Its Review from an Islamic Perspective

Background: *Chronic Kidney Disease (CKD) is a global health problem with increasing prevalence. This study investigates the correlation between hemoglobin levels and glomerular filtration rate (GFR) in CKD patients at Pringsewu Lampung District Hospital.*

Methods: *An observational-analytic study with a cross-sectional approach was conducted on 87 CKD patients using retrospective data from January to February 2023. Spearman's correlation was used to determine the relationship between hemoglobin and GFR.*

Results: *Most patients had hemoglobin levels under 12 g/dL (89,7%) and $GFR \leq 15$ mL/min/1.73 m² (85,1%). The correlation analysis revealed a weak positive relationship ($r = 0.230$, $p = 0.032$) between hemoglobin and GFR.*

Conclusion: *Hemoglobin levels are positively correlated with glomerular filtration rate in CKD patients. Addressing anemia may improve outcomes for CKD patients.*

Keywords: *Hemoglobin Levels, Glomerular Filtration Rate, Chronic Kidney Disease, Anemia*