

**HUBUNGAN ANTARA LAMA *CHRONIC KIDNEY DISEASE* (CKD)  
DENGAN KADAR HEMOGLOBIN DI BANGSAL EDELWEIS  
RUMAH SAKIT PERTAMINA CILACAP**

*Relationship Between Duration Of Chronic Kidney Disease (Ckd) With Hemoglobin Levels  
In Edelweis Ward Of Pertamina Cilacap Hospital*

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**ABSTRAK**

Penyakit *Chronic Kidney Disease* (CKD) terjadi ketika ginjal tidak mampu menjalankan fungsinya sebagai sistem filtrasi tubuh. Pasien CKD dengan kerusakan fungsi ginjal yang berat dapat membuat kondisi penderita menurun jika terjadi dalam jangka waktu yang lama. Lamanya pasien menderita CKD serta tatalaksana hemodialisa dapat menurunkan kadar hemoglobin. Penelitian ini bertujuan untuk mengetahui hubungan antara lama CKD dengan kadar hemoglobin di Bangsal Edelweis Rumah Sakit Pertamina Cilacap. Jenis penelitian ini adalah penelitian kuantitatif studi korelasi dengan rancangan penelitian *cross sectional*. Populasi pada penelitian ini adalah pasien dengan diagnosis *Chronic Kidney Disease* (CKD) di bangsal Edelweis Rumah Sakit Pertamina Cilacap yang diambil dari bulan Januari-September tahun 2024 sebanyak 32 pasien dengan menggunakan teknik *total sampling*. Uji analisa data pada penelitian ini dengan menggunakan uji *Person Product Moment*. Hasil penelitian ini didapatkan rata-rata lama pasien menderita CKD selama 4,03 tahun dan rata-rata memiliki kadar hemoglobin sebesar 8,01 mg/dL. Hasil uji data didapatkan nilai *p value* sebesar 0,047 ( $< 0,05$ ). Simpulan pada penelitian ini yaitu ada hubungan antara lama *Chronic Kidney Disease* (CKD) dengan kadar hemoglobin di Bangsal Edelweis Rumah Sakit Pertamina Cilacap.

**Kata Kunci :** Lama *Chronic Kidney Disease* (CKD), kadar hemoglobin.

**ABSTRACT**

*Chronic Kidney Disease* (CKD) occurs when the kidneys are unable to function as the body's filtration system. CKD patients with severe kidney damage can cause the patient's condition to decline if it occurs over a long period of time. The length of time the patient suffers from CKD and hemodialysis management can reduce hemoglobin levels. This study aims to determine the relationship between the length of CKD and hemoglobin levels in the Edelweis Ward, Pertamina Cilacap Hospital. This type of research is a quantitative correlation study with a cross-sectional research design. The population in this study were patients with a diagnosis of *Chronic Kidney Disease* (CKD) in the Edelweis Ward, Pertamina Cilacap Hospital, which were taken from January-September 2024 as many as 32 patients using the total sampling technique. Data analysis tests in this study used the *Person Product Moment* test. The results of this study showed that the average length of time patients suffered from CKD was 4.03 years and had an average hemoglobin level of 8.01 mg/dL. The results of the data test obtained a *p value* of 0.047 ( $< 0.05$ ). The conclusion of this study is that there is a relationship between the duration of *Chronic Kidney Disease* (CKD) and hemoglobin levels in the Edelweis Ward, Pertamina Cilacap Hospital.

**Keywords :** Duration of *Chronic Kidney Disease* (CKD), hemoglobin levels.