

**GAMBARAN KADAR HEMOGLOBIN PADA PASIEN GAGAL GINJAL
KRONIS SESUDAH MENJALANI HEMODIALISA DI RSU ROYAL PRIMA
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ABSTRAK

Gagal ginjal kronis (CKD) merupakan kondisi ditandai adanya penurunan fungsi ginjal serta kerusakan ginjal secara progresif dalam jangka panjang. Pasien gagal ginjal kronis menjalani terapi hemodialisa untuk menggantikan plasma darah dan fungsi ginjal. Selama hemodialisa akan terjadi defisiensi eritropoietin serta kehilangan darah, yaitu darah terperangkap di antara dialyzer atau mesin hemodialisa sehingga rendahnya kadar Hb dalam darah. Penelitian ini dilakukan untuk mengetahui karakteristik nilai hemoglobin pada pasien gagal ginjal kronis (CKD) sesudah hemodialisa di RSU Royal Prima Medan. Pengambilan sampel yaitu sampling jenuh dengan metode deskriptif. Hasil penelitian didapatkan responden berdasarkan jenis kelamin mayoritas adalah perempuan berjumlah 58 pasien, berdasarkan usia mayoritas antara 41-60 tahun berjumlah 49 pasien, dan kadar hemoglobin sesudah hemodialisa mayoritas rentang nilai Hb 8,1-11,9 g/dL berjumlah 68 pasien. Kesimpulan dari penelitian ini adalah karakteristik gagal ginjal kronis setelah hemodialisa mayoritas berjenis kelamin perempuan, usia 41-60 tahun dan kadar hemoglobin sesudah hemodialisa 8,1-11,9 g/dL.

Kata kunci: *Hemoglobin, Gagal Ginjal Kronis, Hemodialisa.*

**DESCRIPTION OF HEMOGLOBIN LEVELS IN CHRONIC RENAL FAILURE
PATIENTS AFTER UNDERGOING HEMODIALYSIS AT ROYAL PRIMA RSU
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ABSTRACT

Chronic kidney failure (CKD) is a condition characterized by a decrease in kidney function and progressive kidney damage in the long term. Chronic kidney failure patients undergo hemodialysis therapy to replace blood plasma and kidney function. During hemodialysis there will be a deficiency of erythropoietin and blood loss, namely blood trapped between the dialyzer or hemodialysis machine so that the Hb level in the blood is low. This study was conducted to determine the characteristics of the hemoglobin value in patients with chronic kidney failure (CKD) after hemodialysis at RSU Royal Prima Medan. Sampling is saturated sampling with descriptive method. The results showed that the majority of respondents based on gender were women totaling 58 patients, based on the age of the majority between 41-60 years totaling 49 patients, and the majority of hemoglobin levels after hemodialysis ranged in Hb values of 8.1-11.9 g/dL totaling 68 patients. The conclusion of this study is that the characteristics of chronic kidney failure after hemodialysis are mostly female, aged 41-60 years and the hemoglobin level after hemodialysis is 8.1-11.9 g/dL.

Keywords: *Hemoglobin, Chronic Kidney Failure, Hemodialysis*