

Korelasi Kadar Ureum Dan Kreatinin Pada Pasien Anemia Di RSUD Mulya Majenang

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ABSTRAK

Anemia yang disebabkan kekurangan eritropoietin dapat terjadi pada pasien penyakit ginjal kronik. Fungsi ginjal menolak untuk memproduksi eritropoietin dengan seimbang, sebagai hasilnya terdapat kecenderungan hubungan linear antara kadar hemoglobin dan laju filtrasi glomerulus pada pasien dengan penyakit ginjal. Salah satu cara menegakan diagnosis gagal ginjal dengan menilai atau mengukur kadar ureum dan kreatinin serum, karena kedua senyawa tersebut hanya dapat diekskresikan oleh ginjal. Tujuan penelitian adalah untuk mengetahui korelasi kadar ureum dan kreatinin pada pasien anemia di RSUD Mulya Majenang. Jenis penelitian deskriptif dengan desain penelitian *cross sectional*, dengan sampel penelitian semua pasien anemia yang dilakukan pemeriksaan ureum dan kreatinin di RSUD Mulya Majenang pada bulan Januari – Maret 2023 sesuai dengan kriteria inklusi dan eksklusi, sebanyak 66 sampel. Hasil penelitian menunjukkan bahwa mayoritas pasien penyakit gagal ginjal kronis dialami oleh lansia yaitu usia 46-65 tahun dengan jumlah sampel pasien sebanyak 43 pasien (65.2%) dan sebagian besar diderita oleh perempuan sebanyak 35 pasien (53.0%). Korelasi kadar ureum dan kreatinin pada semua sampel menunjukkan hasil yang melebihi nilai normal. Simpulan penelitian ini adalah adanya korelasi kadar ureum dan kreatinin serum pada pasien anemia di RSUD Mulya Majenang.

Kata Kunci: Anemia; Kadar Ureum; Kadar Kreatinin

Correlation Of Urea And Creatinine Levels In Anemia Patients At Duta Mulya Majenang Hospital

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ABSTRACT

Anemia caused by a deficiency of erythropoietin can occur in patients with chronic kidney disease. Kidney function refuses to produce erythropoietin in equal measure, as a result there is a tendency for a linear relationship between hemoglobin level and glomerular filtration rate in patients with kidney disease. One way to diagnose kidney failure is by assessing or measuring serum urea and creatinine levels, because these two compounds can only be excreted by the kidneys. The aim of the study was to determine the correlation between urea and creatinine levels in anemic patients at Duta Mulya Majenang Hospital. This type of research was descriptive with a cross-sectional study design, with a sample of all anemic patients who were examined for urea and creatinine at Duta Mulya Majenang Hospital in January - March 2023 according to the inclusion and exclusion criteria, a total of 66 samples. The results showed that the majority of patients with chronic kidney failure were elderly, namely aged 46-65 years with a total sample of 43 patients (65.2%) and mostly suffered by women as many as 35 patients (53.0%). The correlation between urea and creatinine levels in all samples showed results that exceeded normal values. The conclusion of this study is that there is a correlation between serum urea and creatinine levels in anemic patients at Duta Mulya Majenang Hospital

Keyword: Anemia; Urea Level; Kreatinin Level