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Gambaran Kadar Ureum dan Kreatinin pada Penderita Diabetes Melitus Tipe 2 di Rumah Sakit Harapan Bunda tahun 2019-2020

xiv+23 halaman, 5 tabel, dan 7 lampiran

ABSTRAK

Diabetes Melitus adalah sekelompok kelainan yang ditandai oleh peningkatan kadar glukosa darah. Akibat penurunan kemampuan tubuh untuk merespon insulin/ tidak terdapat pembentukan insulin oleh pankreas. Indonesia adalah negara peringkat 6 setelah Tiongkok, India, Amerika Serikat, Brazil, Meksiko dengan jumlah penyandang DM usia 20-79 tahun sebanyak 10,3 juta orang. DM dapat menyebabkan penyakit ginjal. Pemeriksaan ureum dan kreatinin merupakan cara sederhana untuk menilai fungsi ginjal. Tujuan penelitian ini adalah untuk mengetahui kadar ureum dan kreatinin pada penderita DM tipe 2 di RS Harapan Bunda tahun 2019-2020. Penelitian ini bersifat deskriptif menggunakan data sekunder dengan analisa univariat. Berdasarkan data pasien diperoleh penderita DM tipe 2 di RS Harapan Bunda dengan rata-rata ureum 59,7 mg/dl, nilai tertinggi 130 mg/dl, dan nilai terendah 16 mg/dl. Sedangkan rata-rata kreatinin 1,6 mg/dl, nilai tertinggi 3,2 mg/dl, dan nilai terendah 0,6 mg/dl. Penderita DM tipe 2 berdasarkan jenis kelamin paling banyak pada perempuan yaitu 66 orang (62,85%) dibandingkan laki-laki 39 orang (37,14%). Berdasarkan usia penderita DM tipe 2 paling banyak pada umur 50-54 yaitu 26 orang (24,76%). Jumlah persentase penderita DM tipe 2 dengan kadar ureum normal 31 orang (29,5%), diatas normal 74 orang (70,4%), sedangkan kadar kreatinin normal 35 orang (33,3%) dan diatas normal 70 orang (66,6%).

Kata Kunci : Diabetes Melitus, ureum, kreatinin

Daftar Bacaan : 26 (2000-20019)

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**Overview of Urea and Creatinine Levels in Type 2 Diabetes Mellitus Patients
at Harapan Bunda Hospital in 2019-2020**

xiv+23 pages, 5 tables and 7 appendices

ABSTRACT

Diabetes Mellitus is a group of disorders characterized by elevated blood glucose levels. Due to a decrease in the body's ability to respond to insulin / there is no insulin formation by the pancreas. Indonesia is ranked 6th after China, India, the United States, Brazil, Mexico with 10.3 million people with DM aged 20-79 years. DM can cause kidney disease. Examination of urea and creatinine is a simple way to assess kidney function. The purpose of this study was to determine the levels of urea and creatinine in patients with type 2 diabetes at Harapan Bunda Hospital in 2019-2020. This research is descriptive using secondary data with univariate analysis. Based on patient data, patients with type 2 DM were found at Harapan Bunda Hospital with an average urea value of 59.7 mg/dl, the highest value of 130 mg/dl, and the lowest value of 16 mg/dl. While the average creatinine is 1.6 mg/dl, the highest value is 3.2 mg/dl, and the lowest value is 0.6 mg/dl. Type 2 DM patients based on gender were mostly female, namely 66 people (62.85%) compared to 39 men (37.14%). Based on the age of patients with type 2 diabetes, the most people aged 50-54 were 26 people (24.76%). The percentage of type 2 DM patients with normal urea levels was 31 people (29.5%), above normal 74 people (70.4%), while normal creatinine levels were 35 people (33.3%) and above normal 70 people (66, 6%).

Keywords : Diabetes Mellitus, urea, creatinine
Reading List : 26 (2000-20019)