ABSTRAK

Tujuan penelitian adalah untuk mengetahui adakah hubungan antara katarak senilis dengan kadar gula darah terhadap penderita diabetes mellitus yang memeriksakan diri di BKIM (Balai Kesehatan Indera Masyarakat) Medan. Penelitian dilakukan melalui dua tahap, (I) pengambilan sampel darah, dan pemeriksaan kadar glukosa darah dan (II) analisis data. Pengambilan darah pasien adalah darah sewaktu-waktu dari ujung jari pasien. Analisa data dilakukan dengan menggunakan analisa korelasi pada program excel, katarak sebagai parameter x dan y kadar gula darah. Hasil perhitungan korelasi di dapat r=0.46, menujukkan hubungan yang kurang erat tetapi hasil persentase menunjukkan peningkatan persentase baik katarak dengan kadar gula darah maupun usia dengan katarak. Dari penelitian terhadap 60 orang pasien usia 45-65 tahun yang menderita katarak terdapat hubungan yang rendah antara katarak dengan kadar gula darah.

Kata kunci: katarak senilis, kadar gula darah, korelasi, diabetes mellitus.

ABSTRACT

The purpose of this research was to determine whether there is a relationship of senile cataract with blood sugar levels for people with diabetes who checked in BKIM (Balai Kesehatan Indera Masyarakat) Medan. Research was done through two stages, blood sampling and examination of blood glucose levels and data analysis. The patient's blood is taken at any time from the patient's fingertip. Data were analyzed calculated the correlation relationship where the cataract as the parameters x and y are the blood sugar levels. Correlation calculation results indicate the price r = 0:46, which means there is less close relationship between cataracts and blood sugar levels but percentages show increased percent of patients with both cataracts relation to blood sugar levels as well as cataracts with age. From a study of 60 patients aged 45-65 years who suffer from cataracts are less significant association between cataract with blood sugar levels.

Kata kunci: senile cataract, blood sugar level, relationships, diabetes .

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