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**HUBUNGAN KADAR TRIGLISERIDA DAN KOLESTEROL TOTAL
DENGAN LAMA PENGGUNAAN METAMFETAMIN PADA WARGA
BINAAN DI LAPAS WAY HUI BANDAR LAMPUNG**

xv + 28 halaman, 1 gambar, 10 tabel, 20 lampiran

ABSTRAK

Metamfetamin atau shabu-shabu merupakan turunan dari amfetamin yang termasuk ke dalam jenis narkotika golongan I yang memiliki efek ketergantungan atau kecanduan pada penggunaannya. Mengonsumsi metamfetamin dalam jangka waktu yang lama dapat menyebabkan gangguan psikologis, ginjal, hati, paru-paru, jantung, dan organ vital lainnya. Penelitian ini bertujuan untuk mengetahui hubungan kadar trigliserida dan kolesterol total dengan lama penggunaan metamfetamin pada warga binaan di Lapas Way Hui Bandar Lampung. Penelitian ini menggunakan metode *cross-sectional* dengan uji korelasi *Spearman rho'* untuk mengetahui hubungan antara variable yang diamati. Pengambilan sampel berdasarkan kriteria inklusi dan eksklusi dengan jumlah responden 32 orang warga binaan. Hasil penelitian didapatkan rata-rata usia responden saat menggunakan metamfetamin ada pada usia 40 tahun, usia tertua 58 tahun dan usia termuda 22 tahun. Selanjutnya lama penggunaan metamfetamin yang dikonsumsi didapatkan rata-rata 5,4 tahun dengan penggunaan terlama 16 tahun dan penggunaan tersingkat 1 bulan. Dari hasil pemeriksaan yang telah dilakukan didapatkan rata-rata nilai kadar trigliserida 187,81 mg/dL dan kadar kolesterol total 187,88 mg/dL. Hasil Analisa bivariat menunjukkan bahwa ada hubungan kadar trigliserida dengan lama penggunaan metamfetamin dengan hasil perhitungan statistik nilai 0,046 (*p value* <0,05), sedangkan pada kadar kolesterol didapatkan hasil tidak ada hubungan kadar kolesterol dengan lama penggunaan metamfetamin dengan hasil perhitungan statistik 0,181 (*p value* >0,05).

Kata kunci : Kolesterol total, Lama penggunaan, Metamfetamin, Trigliserida

Daftar bacaan : (2009-2023)

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**THE RELATIONSHIP OF TOTAL TRIGLYCERIDE AND CHOLESTEROL
LEVELS AND LONGER USE OF METAMFETAMINE AMONG
INFORMED CITIZENS IN WAY HUI BANDAR LAMPUNG PRISON**

xv + 28 pages, 1 figure, 10 tables, 20 appendices

ABSTRACT

Methamphetamine or shabu-shabu is a derivative of amphetamine which is included in class I narcotics which has a dependent or addictive effect on its users. Consuming methamphetamine over a long period of time can cause psychological disorders, kidneys, liver, lungs, heart and other vital organs. This study aims to determine the relationship between triglyceride and total cholesterol levels and the duration of methamphetamine use among inmates at Way Hui Prison in Bandar Lampung. This research uses a cross-sectional method with the Spearman rho' correlation test to determine the relationship between the observed variables. Sampling was based on inclusion and exclusion criteria with a total of 32 inmates as respondents. The research results showed that the average age of respondents when using methamphetamine was 40 years, the oldest was 58 years and the youngest was 22 years. Furthermore, the average duration of methamphetamine use was 5.4 years, with the longest use being 16 years and the shortest use being 1 month. From the results of the tests carried out, it was found that the average triglyceride level was 187.81 mg/dL and the total cholesterol level was 187.88 mg/dL. The results of the bivariate analysis showed that there was a relationship between triglyceride levels and the duration of methamphetamine use with a statistical calculation result of 0.046 (p value <0.05), while for cholesterol levels there was no relationship between cholesterol levels and duration of methamphetamine use with a statistical calculation result of 0.181 (p value >0.05).

Key words : Duration of use, methamphetamine, triglycerides, total cholesterol
Reading list : (2009-2023)