

Summary

The urine tests utilizing the FPIA method to verify the occurrence of opiates, barbiturans, benzodiazepins and amphetamine for 119 patients, drug addicts undergoing the detoxication and extended methadone treatment, were performed.

Only 3 percent of the patients did not attempt to break the abstinence requirement during the treatment period.

Thirty percent of the patients persistently broke the abstinence requirement, which resulted in their elimination from the program.

Thirteen percent of the patients attempted to break the abstinence requirements, but reconciled in back of the laboratory tests and carried on the treatment.

Few only tests were performed for 47 percent of the patients, as they withdrew from the program at the initial point.

Piśmiennictwo

1. Adler F.L., Liu C.T., Detection of Morphine by Hemoagglutination-Inhibition, *J. Immunol.*, 106, 1684-1685 (1971).

2. Federal Drug Administration, Letter to Vendors of Drug Testing Reagents and Apparatus, January 27 (1987).

3. Göbitz G., Wintersteiger R., Identification of drug of abuse by high-performance thin-layer chromatographs. *J. Analyt. Toxicol.*, 4, 141-144 (1980).

4. Hawks R.L., Chiang N.C., Urine testing for drugs of abuse, NIDA Research Monograph 73, (1986).

5. Huang W., Andollo W., Hearn W.S., A solid-phase extraction technique for the isolation and identification of opiates in urine. *J. Analyt. Toxicol.*, 16, 307-310, (1992).

6. Huizer H., Analytical studies on illicit heroin, Thesis, (1988).

7. Lillsunde P., Korte T., Comprehensive drug screening in urine using solid-phase extraction and combined TLC and GC/MS identification. *J. Analyt. Toxicol.*, 15, 70-81, (1991).

8. Matsumoto H., Wykrywanie środków uzależniających. *Farmakoterapia w stanach uzależnień*, PTP, 83-92, Warszawa, (1987).

9. Matsumoto H., Szukalski B., Podleśny J., Gaździk J., Werezńska T., Maszkiewicz J., Zastosowanie metody immunofluorescencyjnej w świetle spolaryzowanym (FPIA) w diagnostyce laboratoryjnej uzależnień. *Ter. Monitor.*, 2, 22-37, (1989).

10. Touchstone J.C., Instrumentation for thin-layer chromatography: a review, *J. Chromatogr. Science*, 26, 645-649, (1988).

11. Ulotka informacyjna: The TDx system. Abbott introduces a new analyser for abused drug testing.

12. US Department of Health and Human Services Urine Testing for Drug of Abuse. Research Monograph 73, 13-29 (1986).