

An Overview Study of Drug Abuse Monitoring

Raafat Abdeldayem

Mansoura University, Egypt

Objectives: The abuse of drugs can have serious ramifications on a person's physical health, mental health, and overall well-being. Aim of the work is to determine the prevalence of some drugs among patients from the laboratory point of view.

Method: The sample size for this study was five hundred patients with acute poisoning by some drugs of abuse. In this study all patients were subjected for detection of drugs of abuse in urine by EMIT system and Gas Chromatography / Mass Spectrometry (GC/MS) for confirmation of the obtained results.

Results: The study revealed that the percentages of positive urine samples by Enzyme Multiplying Immunoassay Technique (EMIT) confirmed by Gas Chromatography / Mass Spectrometry (GC/MS).

Conclusion: Presence of these drugs has a serious effect on man health, consequently his environment. Recommendations; it is recommended that public health intervention aimed at preventing drug use among inhabitants should be designed to raise awareness about the negative effects of drug abuse.

Biography

Dr/ Raafat have completed his PhD from Mansoura University and postdoctoral Studies from Mansoura University Schools of Science and Medicine. Currently working as an Ass. Prof of Toxicology in Mansoura University, Egypt. Research interest are Forensic Chemistry and Toxicology, water pollution and medical analysis.

Notes: