

## Application of APK "IMEDIS-EXPERT" in conditions of investigative isolator

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The incidence of mental disorders, including those associated with drug addiction, occupies a leading place in the structure of general pathology in prisons. Currently, among the contingent of pre-trial detention centers (SIZOs) are dominated by those who previously used heroin, and the number of those who use "khanka" - a surrogate for raw opium treated with acetic anhydride, has significantly decreased.

In this study, with the help of the hardware-software complex "IMEDIS-EXPERT", the verification of the consumption of narcotic substances and the specification of the type of narcotic substances consumed in the past were carried out; identification of concomitant somatic pathology after prolonged use of narcotic substances.

50 women were examined in the conditions of a pre-trial detention center. The age of the subjects was from 20 to 35 years old. The duration of drug use at the time of the survey ranged from 5 months to 12 years. Clinical diagnosis: "F11. Mental and Behavioral Disorders Caused by the Use of Opiates" was exposed during a routine examination during the first days of his stay in the SIZO. At the time of clinical examination, the leading symptoms were the following: algic,

asthenic, hypochondriac, sleep disturbance, nausea, dyspepsia.

The study began with the selection of a reproducible point. It is difficult for such subjects to choose points due to the fact that they have a lot of tattoos, traces of injection, abrasions on their hands. The next step was to confirm the diagnosis and the type of drug used. When testing the load with narcotic substances, the following indicators were determined: the sum of the sums of narcotic substances, the sum of narcotic substances, the sum of narcotic substances 2. The index of the use of opiates was tested in potency from D4 to D15 (the last time narcotic substances were used before the subjects were placed in isolation). The diagnosis of opium addiction was further confirmed using ART (autonomic resonance test). It was found that 80% of women had previously used cannabinoids, although 30% of the survey did not report this,

Thus, preliminary data have been obtained on the possibility of using the hardware and software complex "IMEDISEXPERT" for the diagnosis of drug use, the detection of mental and somatic pathology in drug addiction in the conditions of a pre-trial detention center. At the next stage of therapy, drugs from the drug selector were used: drainages (from the "OHOM" company) for drainage and unblocking - DRE2 of the skin, DRE6 of lymph. Subsequently, we tested and prescribed portable and effective drugs: Dr. Schimmel's drugs, resoplexes, Bach flowers and others. On the background of the therapy, the patients were relieved of the manifestations of opium withdrawal syndrome, pathological craving for drugs, asthenia, lethargy, and sleep disturbance.

The use of the hardware-software complex "IMEDIS-EXPERT" allows diagnostics, selection of drugs and the use of various methods of therapy. At the same time, the examination procedure itself is greatly simplified, the time of its implementation is reduced, the possibilities of using various drugs are greatly increased with a quick assessment of the degree of their effectiveness. Testing the effect of traditional and homeopathic medicines, a combination of aromatherapy, herbal medicine with the selection of agreed recipes allows you to achieve a lasting positive effect.

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