

Possibilities of using the APK "IMEDIS-EXPERT" for medical psychological selection of military personnel

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In order to prevent the spread of drug addiction, some military commissariats, training centers and military medical institutions were equipped with medical diagnostic hardware and software complexes (APC) "IMEDIS-EXPERT".

Successful results of using the equipment for these purposes are widely presented in the literature. We have made an attempt to assess the possibilities of using, along with generally accepted methods, wave resonance technologies for the medical and psychological selection of military personnel in the conditions of the district training center. The relevance of such studies is determined by the complexity of recruiting the Armed Forces with healthy replenishment, the difficult socio-demographic situation in the country, breaking the prevailing stereotypes of the behavior of conscripts, harsh conditions military service, separation from home, problems of the formation of military collectives.

During the autumn draft of 2007, 107 conscripts were examined on the basis of the district training center. Average age was 18.8 ± 0.25 years old. According to an anonymous survey, the medical, social and demographic characteristics of conscripts were studied. At the time of conscription, 70% of the respondents lived in the city, and 30% in the countryside. Have secondary vocational education - 12.1%, complete secondary education - 62.6%, basic (9 grades) - 20.6%, primary (up to 9 grades) - 4.7%. They were brought up in single-parent families - 32%. During their life, they regularly attended sports sections - 19.7%, constantly engaged in physical education - 39.3%. Smoke tobacco products - 94.4%, previously periodically consumed alcoholic beverages - 82.3%.

These conscripts were examined at the APK "IMEDIS-EXPERT" by the method of vegetative resonance test (VRT) according to the signs, characterizing the psychological status. In 18 people (16.8%) indications of the presence of difficult to overcome conflict situations in the present or the past were revealed, in 89 (83.2%) such indications were not revealed. In 15 out of 18 military personnel (83.3%), specialists in the mental health group according to the standard methods used (Spielberger-Khanin scale for assessing reactive personal anxiety, multidimensional personality questionnaire "Adaptability", sociometric measurements) confirmed social, and in 3 people (2.8%) - mental maladjustment. These persons were sent to consult a psychiatrist, others were put under dynamic supervision by a doctor and a psychologist of the unit.

11 servicemen (10.3%) had a psychological load of 1-3 degrees with predominantly hyperergic forms of response: 8 people had the first degree, 2 - the second and 1 - the third. Psychological stress of 4-5 degrees (intermediate forms of response) and 6-8 degrees (hypoergic forms of response) were not detected.

An indication of vegetative burden, which characterizes the interest of vegetative centers, was obtained in 4 (3.7%) cases.

In 7 people (6.5%), a positive response to a history of a single drug use was obtained using the ART method.

There were no cases of positive test results among the indicators available in the set of indicators for depressive disorders and endogenous psychoses.

It was.

Conclusions:

1. Received results, having high correlation with generally accepted psychological methods and complementary to them, make it possible to recommend the use of APK "IMEDIS-EXPERT" for the purpose of medical and psychological selection of military personnel.

2. Revealed deviations in the psychological status of conscripts (17%), apparently determined by the factor of adaptation to military service.

3. The proposed version of medical and psychological examination allows you to identify a risk group among the military for the timely implementation of organizational and medical-preventive measures.

V.B. Ivanov, S.T. Kokhan, A.V. Filonov, P.P. Konovalov Possibilities of using AIC "IMEDIS-EXPERT" for medical and psychological selection of military personnel // XIV

- M.:" IMEDIS ", 2008, vol. 2 - C.209-211