

Experience in using energy information technologies developed by the Center "IMEDIS", in diagnostic and therapeutic work with military personnel
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The methods and equipment developed by the IMEDIS Center have been used in Ukraine since 1995 in medicine, physiology of labor activity, in scientific research and practice of specialists working with the military contingent. In our opinion, the publication of the experience of using these technologies in a specific area - in working with military personnel, deserves attention. There are few publications on this issue, mainly in the materials of conferences held by the IMEDIS Center [1, 2, 3].

We have used energy information technologies in several aspects. One of these aspects is the assessment of the functional state of the organism of candidates for military service. It is known that generally accepted studies are carried out in the system of professional selection: anthropometry, measurements of blood pressure, vital capacity of the lungs, heart rate, etc. However, the features of the professional activity of military personnel in modern conditions necessitate an assessment, first of all, of neuropsychic stability, the general energy level of the body, the state of adaptation processes to extreme (stressful) situations.

An objective assessment of these characteristics of the body of servicemen was carried out using the equipment of the Center "IMEDIS". Depending on the purpose and working conditions, a portable device "MINI-EXPERT-DT" and a hardware-programmed treatment and diagnostic complex "IMEDIS-EXPERT" were used. We have developed algorithm for neuropsychic stability research (NSP):

- psychological testing (tests "Forecast", Eysenck EPI, Spielberg Khanin) [4];
- computer express assessment psychophysiological fortunes (psychomotor functions) [5];
- study of biophysical parameters of representative BAPs of regulatory systems (hypothalamus, sympathetic and parasympathetic divisions of the ANS, adrenal glands, vascular system);
- diagnostics by the method of vegetative resonance test to identify the degree of psychovegetative burden.

For convenience in practical work and comparison of data obtained by different methods, an assessment scale has been developed according to a 5-point system [6]. The NHRI score for military personnel should be 4 or 5 points. When assessing 3 points, the serviceman is credited to the risk group (dynamic observation group). With an NHRI score of 2 or 1 point, it is not recommended to enroll in military units that may find themselves in extreme (stressful) situations.

The state of the general energy level was assessed by quantitative measurements on a portable device "MINI-EXPERT-DT" or by the results of segmental diagnostics on the complex "IMEDIS-EXPERT". For military personnel, the state of normergy, hyperergy, and moderate hypoergy was considered acceptable. The state of hypoergy (asthenia) against the background of constitutional hyposthenia was considered unfavorable.

The assessment of the level of adaptation of the body to stressful situations was carried out on the basis of a set of studies: psychological testing (test "Adaptability"), electropunctural diagnostics with automated calculation of adaptation coefficients, segmental diagnostics, which reveals the adaptive potential of the circulatory system according to R.M. Baevsky and provides information on the state of general nonspecific adaptive reactions according to L.Kh. Harkavi. The level of adaptation of the human body was assessed on a 5-point scale. To be performed by military personnel

professional tasks in stressful (extreme) situations, the assessment of the level of adaptation should be 5 or 4 points.

Our experience in assessing various indicators of the functional state (FS) of military personnel is 1256 studies, which were carried out with soldiers and officers of the Armed Forces of Ukraine, cadets of a military school, employees of special units of the Ministry of Internal Affairs. We used the methods for assessing the FS, developed by us for various professional groups. We had the opportunity to compare our own studies of the FS of organs and systems with the generally accepted classical ones, which were carried out in the same individuals during preventive examinations. The agreement between the survey results was excellent (97.5%). A significant advantage of energy-informational research is the ability to assess the NHRI, the level of energy and adaptation processes.

With the help of portable autonomous equipment, FS studies were carried out in 320 servicemen in the places of deployment of military units. During the period of their professional training, 100 people were examined. A forecast of their NPU and FS stability was compiled with an assessment on a 5-point scale. After completing professional tasks in stressful conditions, a repeated examination of servicemen was carried out according to the developed algorithms. A psychologist and two officers who at the same period worked with the surveyed contingent made an expert assessment (also on a 5-point scale) of the professional activities of the servicemen we surveyed.

It turned out that 98% of these military personnel have professional activities. the level of NPU and FS corresponded to the quality

Results given research work allow us to consider the used energy-information technologies are highly informative, quite accurate in predictive terms, appropriate for wider application in professional activities. We have developed methodological features and algorithms for examining military personnel for their distribution in some specialties (drivers, signalmen, operators, shooters).

Another important aspect of using the equipment of the IMEDIS center is the correction (from the Latin *correctio*) of violations of the functional state of organs and systems that arise after psychoemotional, physical exertion, the influence of stress (extreme) factors. Correction of FS is carried out with the aim of restoring professional working capacity by influencing various mechanisms of regulatory processes. Unlike correction, treatment is getting rid of a person from pathological disorders, restoring the activity of functional systems to a normal (optimal) level.

Methods for correcting the FS of military personnel were carried out on a planned or emergency basis, depending on the time of occurrence of violations and their nature. The complex of corrective procedures was selected individually and included: regulation of work and sleep patterns, auto-training, breathing exercises. Against this background, BRT or MRI was performed, and resonant homeopathic preparations were prescribed.

Approbation of methods for correction of FS using specially selected techniques was carried out in 32 servicemen aged 18–22 years. Examination revealed signs of fatigue, irritation of the central nervous system (18 people), a decrease in the level of adaptation against the background of energy deficiency (14 people). In addition, vegetative-vascular dystonia (16 people) and other functional disorders were noted, which led to poor health and decreased performance. Everyone underwent auto-training, breathing exercises, correction of functional disorders using individual BRT programs, depending on changes in the body. Were assigned electronic copies of homeopathic remedies, made to each individual. In 5 cases, the correction was carried out 2-3 times, in the rest - from 4 to 7 procedures to obtain a positive result.

Another important aspect of the application of the methods and equipment of the IMEDIS Center is the treatment of various pathologies. It is difficult to list the diseases that can be

to treat with energy-informational methods in order to achieve a complete restoration of health or an improvement in the general condition and quality of life of the patient. However, it is necessary to dwell on some groups of diseases that constitute a serious problem for doctors and patients in general, and in the military department. First of all, these are chronic polysystemic diseases with organic changes in the body, chronic viral infections; diseases that occur with allergic reactions to medicines and are resistant to allopathic methods of treatment.

Modern methods of treatment developed by the IMEDIS Center have been successfully used since 1998 in the clinic of folk and non-traditional methods of treatment of the Main Military Clinical Hospital of the Ministry of Defense of Ukraine (NNML GVKG). Medical and diagnostic procedures are carried out on an outpatient basis, in a day hospital and a full hospital for complex forms of various pathologies.

Treatment of chronic, complicated pathology is carried out in accordance with the principles of an integrative approach, in which the methods of energy-informational medicine play a leading role. At the same time, a systematic approach is used, taking into account the structural hierarchy in the body: information - energy - physical levels. The regulation of the activity of the central nervous system is carried out by psychological influences, the state of depression is removed by induction therapy, BRT and bioresonance homeopathic preparations, electronic copies of allopathic and homeopathic preparations are widely used.

In the complex of treatment, a large role is given to nutrition: the use of juices, fasting days, adherence to the drinking regime. In accordance with the concept of homotoxicology, it is considered necessary to activate the detoxification system against the background of regulating the composition of the intestinal flora and stimulating the intestines.

Therapy with BRT, MRI, BR-drugs was prescribed individually and was carried out under the control of objective indicators of health (energy-informational and generally accepted clinical). The results of the treatment of 1618 patients are shown in Table 1.

Table 1

Patient treatment results for some disease classes

Classes diseases	Qty sick	Treatment results		
		Significant improvement, cure (%)	Improvement (%)	Without changes (%)
Class 4 Metabolic diseases substances	274	62.4	36.9	0.7
Class 11 Organ diseases digestion	389	68.9	31.1	one
Class 13 Diseases of the bone muscular systems	290	55.2	43.8	-
Class 9 System diseases circulation	176	64.2	35.8	-
Class 6 Diseases of the nervous systems	58	68.9	31.1	-

Class 10 Organ diseases breathing	103	61.1	38.9	-
Class 14 Diseases of the urinary fishing system	116	70.6	29.4	-
Class 12 Skin diseases and fiber	81	74	24.8	1,2
TOTAL	1618	65.5	33.6	0.9

Among the military personnel, one of the most common pathologies is diseases of the digestive system. In the overwhelming majority of cases, a stable improvement and cure of the disease (peptic ulcer and 12 duodenal ulcer) has been achieved. Various types of chronic colitis were more persistent in therapy. But even in this group of patients, it was possible to achieve a significant improvement in bowel function in a relatively short course of treatment (2-3 weeks).

Among the military personnel, diseases of the musculoskeletal system are common (class 13). Significant success in treatment was achieved in 55.2% of patients. Unfortunately, in persons with arthrosis-arthritis and signs of structural organic changes, in one course of treatment, it was possible to relieve pain and an acute inflammatory process only for a while. Repeated courses of treatment (2-4 courses) and additional measures (special diet, herbal remedies, BRT) made it possible to achieve a stable remission of the disease.

Quite common diseases among military personnel, especially officers, are diseases of the cardiovascular system. In the treatment of this pathology, a significant improvement was observed in 64.2%, improvement - in 35.8% of patients. The decrease in blood pressure occurred within 2-3 weeks and remained stable. Patients gradually reduced the intake of antihypertensive drugs and switched to bioresonance homeopathic drugs. In all patients after a stroke, it was possible to restore the basic functions: movement, thinking abilities, and even working capacity. Table 1 shows the results of treatment of various pathologies by the main classes of diseases. These results can be considered good.

In recent years, chronic hepatitis B and C have been successfully treated in the NNML GVKG. These types of hepatitis have become widespread, and treatment with methods of classical medicine is very expensive, not very effective and does not guarantee the body's sanitation from the virus. The use of resonance-frequency therapy, specially made homeopathic preparations against the background of a dietary regimen and homotoxicological effects, led to a cure for chronic hepatitis B and C, and the reorganization of the carriage of viruses. The course of treatment ranged from three weeks in a hospital to 3-6 months on an outpatient basis. The effectiveness of the cure was confirmed not only by the results of the autonomic resonance test, but also by clinical laboratory methods.

The clinic NNML GVKG has accumulated experience in the successful treatment of cancer patients and parasitic pathology. But there will be a special message about this.

In conclusion, it should be noted that the technologies developed by the IMEDIS Center are innovative, promising, because allow solving many aspects of the human condition: health assessment, new methods of treatment, restoration of the functional state, adaptive reserves of the body, preservation and improvement of professional activity.

Conclusions:

1. An objective assessment of the functional state, energy level, adaptive capabilities of the body of a serviceman can be successfully carried out with the help of technologies developed by the Center "IMEDIS".

2. For the successful correction of disorders of the functional state of the body military personnel, a set of measures has been developed, including exposure to the methods of bioresonance, multiresonance therapy and resonant homeopathic preparations.

3. The technologies developed by the IMEDIS Center are promising highly effective in the treatment of a wide variety of pathologies, without causing complications and side reactions.

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