

rial pressure, update of shells of mucous tunic gastrointestinal tracts and increase of penetrating of connective tissue membranes in different organs. Emotional stress results in generalized distribution of sympathetic and parasympathetic excitations of, which shows up in one the violation of activity of the cardiac-vascular system, in other – gastrointestinal tracts. In the conducted researches it is shown that a those organ or system, which, after imagination of patient, is most impressionable and most essential for vital functions, suffers under act of the protracted stress. Opinion is expressed also that the choice of organ-target depends on the structures of crusts, which determine an optimum efferent way for the output of emotions, caused stress, on periphery. To research psychological features of children's personality with duodenal ulcer. 36 children 10-18 years of age are inspected. The program of medical inspection included: interview with specially developed questionnaires, genealogy research, research of psychological type of personality by the test of Ayzenko and inspection of character using A.E. Lychko pathological characteristic questionnaire. With the purpose of determination of endoscopic and functional changes from the side of overhead departments of digestive fiberoptic was executed by fiberoptic with determination of endoscopic criteria of presence of *Helicobacter* infection and shield biopsy of mucus shell of stomach and duodenum by generally accepted rules of taking with next preparation of impression smear, staining and bacterioscopy. Simultaneously conducted intragastric acidity analysis with the study of secretory and alkalescence functions of stomach after the difference of values of acidity in a body and antrum. By the help of questionnaire data was established that family's psycho-traumatic situations had 65% of children. A genealogical analysis revealed that 75% of children are burdened with inherited inclination. Emotional deprivation is aftereffect of child alienation from emotionally meaningful people in a responsible personality formation period that predetermines the deficit of intercourse skills. The broken emotional connection in babyhood leads to developing of duodenal ulcer before time, burdened with inherited anamnesis and differs with heavier, frequently relapsing clinical course, complications and severe pain syndrome. When emotional copulas were broken before pubertal period than clinical course of duodenal ulcer was sparer. In a severe period of illnesses prevailed psychasthenia and labile accentuation of character, introvertive mode of behavior, emotional instability. Discovered psychosomatic features of duodenal ulcer clinical course dictate the necessity in development of differentiated treatment programs and prophylaxis of this pathology.

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TO THE QUESTION ON THE REGIONAL APPROACH OF PREVENTIVE MAINTENANCE OF ILLNESSES AT WORKERS OF THE INDUSTRIAL ENTERPRISES OF THE NORTH

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Severe environment of northern territories of the Tyumen region, including Yamal-Nenets (ЯНАО) and Hunts-Mansijsky (ХМАО) autonomous regions, strengthens an adverse effect on a human body of the harmful factors accompanying technological processes at the industrial enterprises. Simultaneous influence of climatic and industrial-ecological factors leads to reduction of functionality of a human body to homeostasis restoration.

The analysis of annual reports on disease for 2000-2003 on the one-profile enterprises of oil and gas branch of the Tyumen region has shown that level and structure varies it depending on a geographical place of a disposition of structural divisions. So, at workers of the enterprises located in territory of the south of the Tyumen region, the disease indicator was the highest in comparison with other regions and has made 333,8 in 2001, 213,0 in 2002 and 432,6 in 2003, thus illnesses of system of blood circulation came to the forefront in structure of the general disease. Among workers of the enterprises in territory ЯНАО the given indicator has made in 2001 – 68,7, in 2002 – 42,0 and in 2003 – 146,6 where on the first place there were diseases of a gastroenteric path. Among workers of the enterprises in territory ХМАО the disease indicator in 2001 has made 93,2, in 2002 – 105,0 and in 2003 – 68,2, and diseases of nervous system always prevailed.

It is possible to explain a similar situation only influence on a human body of a complex of adverse klimato-ecological and geocological factors, the characteristic enterprises for a concrete geographical address point against unhealthy working conditions of work. It demands working out of special methodology and a complex of methodical approaches for an estimation of complex influence средовых factors on quality of individual and population health, studying of mechanisms of infringements of processes of ability to live at anthropogenous pollution of biosphere in concrete prirodno-environmental conditions.

The offered scientific approach will allow to develop a complex from the most effective organizational-technical and mediko-preventive actions for maintenance of constant monitoring of a condition of inhabitancy of the person and population health, for early revealing and elimination of influence of risk factors of environment and productions that, undoubtedly, will lay down in a basis of creation of regional programs on decrease in level of disease.

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