Possibilities of treatment and prevention of aging with the use of drugs selector "IMEDIS"

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For many years, within the framework of the research programs of the IMEDIS Center, research has been carried out on the problems of regeneration and rejuvenation - prevention and optimization of aging, - a biological and social phenomenon, both natural and premature.

The problem of gerontoprotection is relevant not only because the extension of life, provided that its quality is improved (otherwise, such an extension simply loses its meaning) in itself is a rather tempting prospect. It is equally important that, in accordance with modern scientific data, the optimization of gerontogenesis (the totality of aging processes) is one of the key conditions for the successful treatment of many, if not most, chronic diseases. According to modern concepts, a number of chronic diseases, such as metabolic syndrome and type 2 diabetes mellitus, Parkinson's, Alzheimer's, and especially carcinogenesis, are a direct manifestation of premature aging. "Anyone, having lived long enough, live to see their cancer or Alzheimer's or Parkinson's" [1]. In the same time, It is against the background and as a result of the pathological processes underlying gerontogenesis that most "truly chronic" diseases develop, such as atherosclerosis and hypertension, immunopathology (both hypo- and auto-), many types of infertility, etc. We can say that the processes of gerontogenesis are the "basis" for most chronic diseases, and in this respect it itself is similar to the general "miasm" (genetically determined type of response - author).

In this work, the authors tried to make a preliminary review of the possibilities of gerontologically oriented diagnostics and therapy using information drugs entered into the IMEDIS selector, on the one hand, and corresponding to modern models (theories) of aging, on the other.

To date, the IMEDIS selector has accumulated a considerable number of drugs associated with the processes of gerontogenesis and, therefore, allowing both the diagnosis of gerontogenesis and gerontoprotection. However, in order to fully use these drugs, it is first necessary to describe them as gerontological, in other words, to link them to the existing generally accepted models (theories) of gerontogenesis.

First of all, let's make a few preliminary general remarks:

1. Any informational preparation that can be used to diagnosis of gerontogenesis, is a test indicator of someprocess associated with gerontogenesis. In general, test pointersgerontogenesis can be divided into two classes. The first includes test indicators of the aging process itself. Therapy with their help the corresponding aging processes is possible only due to the effectiveness of the homeopathic principle: “similia

similium ", i.e. by virtue of the principle of advanced resistance to them by the body [2]. The second includes test indicators of the processes that reverse, cancel, or at least slow down the processes of gerontogenesis. Corresponding informational preparations act by virtue of the principle of the organism's anticipatory following of the information received from them.

2. Informational preparations contained in the selector are unequal as test indicators (markers) of gerontogenesis and as gerontoprotectors. By definition, a gerontoprotector is any information drug that compensates for the markers of gerontogenesis (perhaps only in a given patient!). The opposite is not true: not every information drug is a marker of gerontogenesis. For example, the homeopathic drug "Argentum nitricum", being a constitutional drug for a certain group of patients, is undoubtedly also a gerontoprotector for them (at least it warnspremature aging). However, it is not true that it can also serve as a testan indicator of gerontogenesis - even for patients for whom it is "constitutional." The need for it can arise at any age and is due to pathogenetic, not gerontological factors.

3. Gerontological component of therapy, in accordance with note 2, it is realized not as a result of the use of special drugs - "gerontoprotectors", but as a result of compensation by the drugs used for it for one or another group of test indicators of gerontogenesis identified in the patient. Thus, the value of drugs - test indicators of gerontogenesis consists, first of all, in the ability to orient directly used drugs (including themselves) according to them.

4. Thus, indicators of gerontogenesis corresponding to a certain model aging (for example, oxidative model, models of degradation of neural networks, etc.), are the basis for choosing or constructing drugs that interrupt or slow down the processes of gerontogenesis corresponding to this base

The drugs listed below are test indicators of gerontogenesis and, at the same time, gerontoprotectors, are grouped in accordance with the existing models (theories) of aging mechanisms. Note that today we do not know a single mechanism underlying these models, i.e. the mechanism that triggers them. Therefore, all proposed drugs are palliative. However, using these drugs, we can at least try to slow down or even prevent the premature aging of the patient. And this is already a lot. Moreover, it is possible that the experience of using the described drugs will make it possible to understand which of the mechanisms of aging is the most significant. It may even be the case that the use of test-indicators of gerontogenesis and information gerontoprotectors will reveal the primary mechanism of gerontogenesis,

Oxidative aging model

Reactive oxygen species (ROS) [1,3] include oxygen ions, free radicals, and peroxides. ROS are produced in the body as food

normal oxygen metabolism. They play the role of "intercellular signaling pathways", including in the activation of immunity and tissue regeneration, as well as in the processes of ion transport. Peroxides are involved in the synthesis of many hormones and prostaglandins, as well as in the activation of apoptosis. In addition, they modify macromolecules, in particular, pathogenic, which are part of microorganisms, fungi, viruses. Lipid peroxidation (LPO) plays an important role in the maintenance of vital functions [1, 2]. However, in the process of aging, peroxide processes in the body become uncontrollable and, as a result, pathological. Loss of control over peroxide processes and their pathologization occurs, according to modern concepts, also as a result of stress and distress experienced by the body. As a result, the functioning of biological membranes and, accordingly, their barrier function, as well as oxidative processes, are disrupted in the aging organism. This leads to the development of atherosclerosis, immunosuppression, insulin resistance and metabolic syndrome, acceleration of neurodegenerative processes typical of Parkinson's and Alzheimer's diseases. In addition, as a result of the pathologization of peroxide processes, the tendency of cells to carcinogenesis increases, both due to the disruption of the functioning of membranes, and due to the disruption of the functioning of DNA. The latter, in turn, occurs both due to the direct modifying effect of ROS and due to non-enzymatic glycation (see below). insulin resistance and metabolic syndrome, acceleration of neurodegenerative processes typical for Parkinson's and Alzheimer's diseases. In addition, as a result of the pathologization of peroxide processes, the tendency of cells to carcinogenesis increases, both due to the disruption of the functioning of membranes, and due to the disruption of the functioning of DNA. The latter, in turn, occurs both due to the direct modifying effect of ROS and due to non-enzymatic glycation (see below). insulin resistance and metabolic syndrome, acceleration of neurodegenerative processes typical for Parkinson's and Alzheimer's diseases. In addition, as a result of the pathologization of peroxide processes, the tendency of cells to carcinogenesis increases, both due to the disruption of the functioning of membranes, and due to the disruption of the functioning of DNA. The latter, in turn, occurs both due to the direct modifying effect of ROS and due to non-enzymatic glycation (see below).

Thus, ROS and, as a consequence, LPO, are somehow associated with almost all pathological processes, including those associated with aging, both physiological and premature. As one of the markers of these processes, ROS and LPO products should also be the object of medical correction. To implement this program, the authors introduced into the selector preparations of potentiated hydrogen peroxide and Ozone, as well asOxygen [3]. They can be used both as test indicators for the presence of excessive formation of peroxides, including lipid peroxides (during LPO, peroxide formations are formed at the ends of lipid molecules), and for the treatment of corresponding pathological conditions. In addition to gerontoprotection, these drugs can be used in the diagnosis of stress, including prenatal stress.

Another drug that can and should be used to combat the pathological manifestations of ROS and LPO is a potentiated herbicideParaquat [1]. Prior to this, Paraquat was considered only as an allergen andherbicide. However, it has been established that paraquat not only activates the ROS and LPO processes, but also reproduces many manifestations of aging processes in fruit flies and nematodes. Moreover, the resistance of organisms to the action of paraquat correlates with the lifespan of these organisms under normal conditions.

Ionizing radiation is also a factor that stimulates the formation of ROS and LPO [1]. The damaging effect of radiation on genetic material is well known. Both the direct damaging effect of ionizing radiation on nuclear and mitochondrial DNA and the violation of epigenetic processes - gene expression - under its influence were noted. The latter occurs, in particular, due to the violation of the structure of histones and

DNA methylation, and not only the direct damaging effect of radiation is essential, but also the effect of ROS and LPO induced by it. Damage resulting from ionizing radiation leads not only to the development of carcinogenesis, but also to a violation of the expression of genes that determine the life span and the rate of aging. In addition, they lead to a direct cytotoxic effect, primarily affecting immune cells and the central nervous system. This also leads to dysregulation of homeostasis and, accordingly, to a reduction in life expectancy.

In view of the above, it is necessary to recall such a far from new concept as hormesis - an increase in life expectancy when exposed to the bodyminimal doses of metabolic poisons or ionizing radiation.

Hence, the relevance of such drugs as potentiated radiation as test indicators of gerontogenesis becomes clear:gamma, neutron and solar radiation.

Glycelation model

It has been shown experimentally that in Drosophyllas and nematodes kept on a medium of a mixture of hexoses (six-atomic carbohydrates), life expectancy was significantly reduced with the development of signs of premature aging. In mice, the administration of galactose also caused premature aging [1]. This is due to the fact that glycation of proteins occurs in the body, that is, the modification of proteins by the type of crosslinking with sugars, mainly glucose, with the formation of cipher bases. At the same time, the properties of proteins change and deteriorate significantly. So, collagen loses its elasticity and acquires a brown color, which is typical for diabetics and old people. In principle, glucose glycation processes are reversible, and irreversible products are removed from cells and then from the body. However, in the course of aging, this equilibrium shifts towards accumulation. The largest amount of glycated proteins is found in the lens, atherosclerotic plaques and nerve cells in Alzheimer's disease. The formation of methylglyoxal during glycation leads to the formation of adducts with DNA guanine bases. The latter ultimately alters the epigenetic activity of DNA.

Glycation induces lipid peroxidation (LPO), which in turn enhances glycation.

In nature, glucose has the least glycation properties, and its glycation products have the best excretion in comparison with other hexoses. Perhaps that is why glucose was chosen in the process of evolution for the role of the energy carrier of the cell.

In order to control glycation processes, the authors developed and introduced into the selector the drug Hexose, which is a potentiated mixture of six-atomic sugars: cellobiose, rannose, maltose, galactose, dulcite, glucose, xylose, mannose, fructose, as well as sucrose (consisting of glucose and fructose) and lactose (consisting of glucose and galactose).

Potentiation was carried out manually according to Hahnemann separately for each component up to 3C, then in the form of a mixture up to 1000C.

Metabolic model

Another aspect of gerontogenesis and premature aging is the increase in metabolic syndrome [1, 2]. The latter consists in an increase in hyperinsulinemia, the occurrence, as a result, of hypoglycemia and an increase in the consumption and assimilation of glucose. Obesity, hyperlipidemia, and atherosclerosis will follow. In the future, insulin resistance of cells develops, which, together with the depletion of Langerhans cells, leads to hyperglycemia with manifestations of diabetes mellitus (mainly type 2). Interestingly, initially, hyperinsulinemia is often provoked by hyperglycemia, which occurs both as a result of nutritional factors and the consequences of stress. The nutritional aspect in the form of bulimia very often develops as a result of depressive reactions. And an increase in blood levels of adrenaline and / or glucocorticoids also, in turn, leads to an increase in blood glucose levels. It has been proven that with age, the basal level of catecholamines, including adrenaline and glucocorticoids, increases with age, with the manifestation of the corresponding clinical and pathophysiological picture, which is considered as one of the signs of gerontogenesis.

The drug Hexose, in the framework of the metabolic model, is truly homeopathic (similar) drug for disorders of carbohydrate metabolism and uncontrolled glycation in the body. While the more well-known homeopathic drug, Sugar officinalis is largely an isopathic drug.

Accordingly, the constitutional signs of the drug Hexose are similar to those of the drug Sugar officialis, only much more pronounced, to the point of grotesque.

For the correction, detection and prevention of metabolic syndrome (MS), it is advisable to use the potentiatedInsulin.

Stress model

As already mentioned, chronic stress (distress) syndrome is an essential factor in the development of gerontogenesis and MS. Chronic stress always leads to subsequent hypercortisolism and an increase in tissue and central nervous system resistance to glucocorticoids. Potentized Cortisone can be a therapeutic drug and a test indicator for it, and in perspective - Cortex.

Neurodegenerative models of aging

These models have in their pathogenesis all the problems described above and lead to a dysregulation of homeostasis due to age-related degeneration of neural networks. In particular, age-related neurodegenerative processes lead to an increase in the "background" level of norepinephrine and adrenaline in the blood and in the central nervous system itself [1]. This, in turn, leads to a decrease in the activity of the dopaminergic system, which is characteristic of both aging in general and its extreme manifestations, such as Parkinson's and Alzheimer's disease. For the diagnosis and therapy of neurodegenerative processes, potentiated

Norepinephrine and Adrenaline. In the case of therapy, they are considered as isopathic, - acting on the principle of feedback.

In addition, for the treatment of neurodegenerative processes (including, not necessarily age-related!), It makes sense to use potentiated drugsRegenerating newt [4] (Regeneration, Larva, Metamorphosis, Composite, depending on the situation), Regenerating lizard, Regeneratingearthworm, and a new drug by the authors - potentiated Acetylene,showed a large neurotoxic component in provings.

Separately, within the framework of the neurodegenerative mechanism of aging, it is necessary to consider the state of the cervical ganglion. This is the only nervous structure in the human body that has an "ascending innervation" and has a regulatory effect on the brain and the body as a whole due to the noradrenergic innervation of the hypothalamus (suprachiasmatic and right ventricular nuclei) and pineal gland. It is with the degenerative changes of the cervical ganglia that the age-related decrease in the activity of the hypothalamic-pituitary system and the pineal gland is largely associated [1]. It follows that the diagnosis of the condition of the cervical ganglion and the cervical spine as a whole, as well as their adequate treatment, is an important point in the prevention of gerontogenesis and related diseases. When diagnosing these changes, potentiated preparations of the cervical ganglion and the cervical spinal cord can be used. It is also possible to use BAPs of the cervical ganglion, cervical spine, PSNS, cranial nerves of the central nervous system and spine in the diagnosis by R. Voll or signals written off from them in the diagnosis by the ART method. Note that degenerative changes in this area occurs quite often, for example, as a consequence of osteochondrosis and / or improper lifestyle, as well as the consequences of trauma, in particular, birth [5]. The prevalence of degenerative changes in the cervical ganglion indicates the relevance of therapy aimed at its rehabilitation, using all available methods, such as BRT, reflexology, homeopathy, manual therapy and osteopathy (under the control of the above diagnostic methods). Separately, we note the authors' pilot studies on the local use of Regenerating Triton preparations [4]. So,

Changing the ratio between aerobic and anaerobic processes of energy production by the cell

Energy in the cells of the body is obtained mainly as a result of aerobic processes. The oxidation substrate, in particular, is the nicotine coenzymes NAD and NADP. With a decrease in the supply of oxidation substrates, that is, with a decrease in the availability of energy resources or an increase in the intensity of their expenditure, an increase in the level of NAD + (unreduced form of nicotinadenine dinucleotide - NAD) occurs [1]. This is a signal for the body to switch from anabolism and reproduction to an energy-saving mode, that is, to self-preservation and an increase in life expectancy. Respectively,

an increase in the level of NAD leads to the opposite effect, that is, to an energy-consuming regime with a transition to anabolism and reproduction. Thus, the drug NAD-inel-forte available in the IMEDIS selector can be used as one of the markers of the tendency to decrease in life expectancy due to excessive energy expenditure, as well as as a drug that helps to prolong life in the post-reproductive period.

Carcinogenesis

And finally, since all processes inherent in aging are present in carcinogenesis, it makes sense to consider this process as one of the variants of gerontogenesis [1]. Carcinogenesis is associated with ROS and LPO, changes in the energy metabolism of the cell, mutations in DNA, as well as epigenetic changes in the activity of the latter (imbalance in the activity of genes and their expression). To some extent, we can say that the cancerous miasm, in principle, is present in gerontogenesis, as an integral element of it.

In modern allopathic medicine, more and more attention is paid to fetoproteins, which are a product of the vital activity of malignant tumors [6]. Under certain conditions, even under conditions of allopathic therapy, the use of fetoproteins gives immunocorrective and anti-inflammatory effects. Although in some cases, the use of fetoproteins is itself capable of provoking malignant processes.

In the selector for the current day, there are several drugs Carcinosin (um), Cancer. comp. of various companies, as well as test pointers of potentiated oncoproteins (oncoprotein) and Fuzailov's drug. All these drugs, apparently, can be used not only as ART markers of oncological readiness (or realized oncology), but as markers of the activity of aging processes. It is also possible to use them as medicinal preparations, including constitutionally oriented ones. Especially interesting from this point of view is the use of the drug DNA polymerase.

Optimization of the internal time course

An experimental drug to optimize the course of internal time [10] of a person and his interaction with external time is the drug Chronos developed by the authors. It is a potentiated recording of the movement of several mechanical watches. Surprisingly, from the point of view of traditional thinking, this drug is effective. At least, it has a pronounced pathogenesis, manifested in homeopathic tests on the authors.

We believe that this drug can find application for the correction of temporal processes as a whole organism, for example, in the composition of chronosemantic or general bioresonance preparations, and in its individual tissues, organs and systems (in the composition of private bioresonance preparations).

Reversal drugs for the course of internal time

These drugs include reseda restitution drugs, as well as

regeneration of trepang, lizard, newt, as well as the preparations of earthworm regeneration introduced into the selector in 2013, made by T.O. Ozhigova and K.N. Mkhitaryan. It is assumed that the action of these drugs can create, up to a certain limit, a kind of "internal time loop" in the body, i.e. return it to the previous phases of ontogenesis. It is this return to the previous phases of ontogenesis, i.e. biologically programmed (under certain conditions) rejuvenation is observed in the process of regeneration in the corresponding species. The supposed action of the drugs is based on the principle of "following" the information received by the body, although a homeopathic description of certain aspects of their action is also possible. The gerontological aspect of this group of drugs has been relatively little studied, which, by and large, associated with a small amount of gerontological research in information medicine in general. There are private reports on the reduction under the action of drugs from this group of the aerobic regime of oxidation in the cell.

Patient therapy taking into account gerontogenesis

Having considered the particular models of aging and the drugs available in the selector - test indicators of gerontogenesis that correspond to them, let us dwell on some general issues of optimization of therapy taking into account gerontogenesis. The goal of this therapy today should be considered the prevention or slowing down of processes premature aging.

First of all, to prevent or at least slow down prematureaging leads to the correct treatment of diseases of a particular patient as acute,and chronic.

It is with the wrong treatment of acute diseases that many violations of the control process in the body as an integral functional system (CFS) begin, i.e. violation of his self-realization. And improper management leads the body, figuratively speaking, "in the wrong direction" - in the direction of reducing life expectancy and deteriorating its quality, instead of the supposed increase in its duration and improving its quality. Everything happens as in the famous song: "... We went to Odessa, and went to Kherson, a detachment was ambushed ...". That is, a violation of holistic management - in particular, as a result of improper therapy - leads to the formation of chronic diseases that shorten the patient's life expectancy.

Many of its types can be attributed to improper treatment, for example, unreasonable pyrolytic therapy, both allopathic and through acupuncture, homeopathy, BRT. After all, it is the high temperature that is the condition for the inactivation of infectious agents and their antigens, which, when under-oxidized, can be a powerful allergenic factor with the subsequent formation of infectious-allergic and autoimmune ones (for example, rheumatism, as an inadequate immune response to antigens common in streptococcus and human tissues). A lot of good literature on homeopathy, reflexology and BRT has been written on this topic.

Let's focus on just one example - lipid peroxidation (LPO) using reactive oxygen species (ROS). Undoubtedly,

LPO is a protective reaction by oxidizing viruses, bacteria and fungi. ROS also activate the immune system (macrophages and lymphocytes). All this is facilitated by hyperthermia, as well as the timely inactivation of LPO processes and its substrates and the excretion of the latter from the body. Lack of body temperature during the protective reaction leads to "chronicity" of increased activity of ROS and LPO. Excessive activity of peroxidation and ROS can be determined in the framework of ART using drugs potentiatedOzone and Hydrogen Peroxide [3]. And it is these drugs that the authors use inthe treatment process, in particular, acute processes. Moreover, not only accompanied by febrile conditions (infectious), but also others, such as, for example, poisoning and trauma. Since all such processes, being stress for the body, are accompanied by an increase in the activity of ROS and LPO.

The consequences of stress and trauma are often underestimated. This is especially true for traumatic brain injury (TBI). It would seem that compensated damage to the central nervous system as a result of traumatic brain injury can persist for life. And the central nervous system is the main controlling factor for both nervous and humoral regulation, acting according to the principle of constructing the FS, and, accordingly, determining the self-realization of the organism, including the processes of its aging. Particular attention should be paid to birth trauma. With an externally compensated birth injury, after a sufficient time, neither the history itself nor the presence of specific complaints directly indicates its presence in the anamnesis. However, there are pathological changes in the brain, including a violation of LPO and ROS levels with the formation of a post-traumatic type of response, disrupting the functioning of the body as CFR. Within the framework of the medical and diagnostic complex "IMEDIS-EXPERT", both diagnostics and therapy of the consequences of TBI, including birth (RT), are possible. Moreover, therapy of the consequences of RT can be both nonspecific and specific, constitutionally oriented, to which a separate article was devoted [5].

Even more urgent, in our opinion, is the diagnosis and therapy of prenatal stress (PRS) [7]. It is at the embryonic stage of the organism's development that all the main patterns of its response are formed, including epigenetic, individualized FSs inherent in it. Prenatal stress affects the body due to, inter alia, hormonal reception disorders, as a result of which sex-role behavior can change. Violation of the perception of one's own gender is in itself a source of chronic stress, impairs fertility and clearly does not contribute to the prolongation of life. Also, as a result of PrS, resistance to stress in the postnatal period of life is impaired (due to a violation, in particular, of sensitivity to adrenal hormones and catecholamines). Prenatal stress can also lead to postnatal changes in insulin and glucose sensitivity, leading over time to impaired glucose tolerance and insulin resistance, followed by metabolic syndrome, diabetes mellitus and increased glycation. And, of course, as a result of PrS, the processes of formation and utilization are disrupted.

ROS and LPO, as well as tissue sensitivity to them. It is characteristic that these disorders can, in the absence of adequate treatment, not only persist throughout the life of the individual, but also worsen, and at an increasing rate. The issues of PrS diagnosis and therapy were also developed and described in detail with the participation of one of the authors. We only note that the diagnosis of both RT and PrS is optimally performed with the use of both EPD according to R. Voll and VRT. It makes sense to use VRT test pointers not only as diagnostic, but also as therapeutic agents. In particular, the potentiatedAcidic and Alkaline water, Hydrogen peroxide, Ozone, Oxygen, Carbon dioxide can be used as markers and simultaneously nosodes of metabolism,reflecting the acid-base state, damage by hypoxia - reperfusion, ROS and LPO [3], as well as the Serum of embryonic tissues of the company "OTI".

Gerontologically competent treatment of chronic diseases isavailable at the modern level of our knowledge, by the method of optimizing gerontogenesis. How to form a basic criterion for gerontological literacy of therapy? In our opinion, the following solution to this issue is correct when using ART and BRT. In diagnosis and therapy, a specific interface of gerontogenesis indicators in a given patient should be highlighted, which should be compensated for by the therapy drug (s). The constituents of this interface are always the patient's constitutional markers - from the CMH marker to constitutional homeopathic remedies. An essential component of gerontological literacy in therapy isconstitutional orientation of therapy, i.e. its consistency withthe constitution of the patient, both pathological and non-pathological. To check the constitutional consistency of the applied therapy, various methods can be used, for example, compensation of the electronic KMX marker [12], additional express control of the action of a combination of prescribed drugs using the KChSM test [8, 9] and others. In the process of selecting homeopathic remedies, the use of repertory and constitutional delusion test (CDT) has proven itself well.

A special place in the process of identifying and regulating the processes of gerontogenesis belongs to electronic chronosemantics. As target markers (MC) for the manufacture of chronosemantic drugs - gerontoprotectors - in this case, test pointers to one or another type of aging process prevailing in the patient's body can be used. The mantic points that appear on the patient's CCL under the MC load correspond to constitutional factors that determine the predominant manifestation of this, and not any other mechanism of aging in a given organism. Chronosemantic therapy with one or another marker of aging should be considered the causal (causal) level of gerontoprotective therapy. One can expect a prolonged, possibly for the entire subsequent life of the patient, the effect of such a gerontological preparation. The effect of a gerontological chronosemantic preparation is especially expressive in cases when markers of birth or prenatal trauma are used as MCs. It seems promising to use them as gerontoprotective MCs fore

chronosemantics:

- potentiated hexose and insulin - for the treatment of obesity, metabolic syndrome, type 2 diabetes mellitus;
- potentiated ROS peroxides and LPO products - for the prevention and treatment of disorders of the antioxidant defense of the body;
- potentiated neurotoxic drugs - from heavy metals to acetylene and neuromelatonin - to prevent age-related neurodegenerative changes;

- preparations for regeneration (reversal of internal time), such as:Trepang. Regeneration, Triton. Regeneration, Lizard. Regeneration, Annelida (earthworm). Regeneration as attempts to strengthen processesreversal of internal time in the patient's body. Let us note that we are talking here about electronic chronosemantics. The use of negative test indicators of gerontogenesis, as well as other test indicators of pathological processes in the body, as MCs for light chronosemantics seems to be problematic today.

Thus, in the selector "IMEDIS" today there are already a considerable number of informational preparations that can be used to identify and regulate the processes of gerontogenesis, at least at the level of modern ideas about the mechanisms of aging. Likewise, today there are methods of therapy that are adapted to the therapy of premature aging using the methods of ART and BRT.

In conclusion, we present a description of new informational drugs developed by the authors.

Application. New drugs added to the selector for diagnostics and premature aging therapy

"Hexoses potentiated"

Potentiated mixture of six-atom sugars: cellobiose, rannose, maltose, galactose, dulcite, glucose, xylose, mannose, fructose, as well as sucrose (consisting of glucose and fructose) and lactose (consisting of glucose and galactose).

Potentiation was carried out manually according to Hahnemann separately for each component up to 3C, then in the form of a mixture up to 1000C.

Pathogenesis of the drug Hexose (obtained in the process of proving by the authors) similar to the pathogenesis of Sugar officialis, only its signs are more pronounced, up to the grotesque.

Psyche. Fear of not earning love, especially from parents, and mother, in particular. Lack of self-love. Fear of being abandoned. Delusion: not worthy of love, feels abandoned. Jealousy.

Irritability, frenzied temperament. Hyperactive children with a lack of attention. In such children, as a rule, there is a violation of carbohydrate metabolism.

Melancholy and dullness.

Head. Dizziness with indigestion. Vagoinsular crises.

Mouth. Caries, dull teeth. Aphthae. Cracked tongue.

Eyes. Blurred vision. Cataract (as senile). Angiopathy asvenous and arterial, as diabetic.

Stomach. Hunger with fever. Increased acidity: sour belching,sour vomiting. Heat in the stomach, cold in the stomach. Desire for sweets, sugar, goodies. Aversion to sugar.

Stomach. Bloated. An enlarged, dense liver. Enlargement of the spleen. Enlargement of the mesenteric lymphatic teeth. Tuberculous mesentery.

Painful hemorrhoids. Anal itching.

Urinary excretion. Kidney pain. Polyuria. Urine with sediment and strong odor.

Oliguria.

Male genital organs. Swelling of the genitals, scrotum on the right.Increased desire. Poles.

Female genital organs. Weakening of menses. Brown leucorrhoea beforemenses with swelling of the mammary glands.

Respiratory organs. Dryness of the larynx. Laryngeal irritation. Dry cough.Worse after reading aloud. Fetid, poorly flowing expectoration.

Extremities. Signs of angiopathy. Tingling sensation. Swelling. Convulsions, more in caviar.

Leather. Dry. Early aging. Suppression of perspiration. Furunculosis. Panaritiums. Old herpes. Ulcers with excessive granulation. Warts.

Dream. Insomnia. Sleep is disturbing.

General. Worse, sweets. Exhaustion with increased appetite.Obesity, obesity.

Cold sweats after irregular fever. Sweats head, neck and shoulders.

Indications for use: Premature aging therapy, optimizationgerontogenesis. Therapy of metabolic syndrome and hyperglycemia both in diabetes mellitus and symptomatic in hyperadrenalinemia in stress and distress; hypercortisolism, which is accompanied by stress and distress reactions characteristic of aging processes, especially premature aging. For the correction of eating behavior, as both the main and intercurrent drug.

It is recommended to use in conjunction or sequentially with the following homeopathic medicines (based on the described pathogenesis): Insulinum, Hydrogenium pyroxide (hydrogen peroxide), Ozone, Adrenalinum, Cortex, especially in the treatment of gerontological problems.

Contraindications for use. Contraindications for useNo drugs of the "Hexoses potentiated" group have been identified, however, in the process of using these drugs, it is advisable:

- monitor the constitutional consistency of bioresonance preparations made with their participation, for example, using an electronic KMX marker;

- at the clinical level, to monitor the correspondence of the adaptation reactions of the organism to Hering's laws, as well as the development of possible constitutional reactions of the "program conflict".

Method of application. Preparations of the group "Hexoses potentiated"

are used in accordance with the general principles used in ART and BRT, for example, in accordance with the principles of multilevel systemic adaptive diagnostics and therapy [11]. The expediency of using drugs of the "Hexoses potentiated" group as markers of light chronosemantics has not been established.

"Acetylene potentiated"

Under normal conditions, hacetylene is a colorless gas, slightly soluble in water, lighter than air. The boiling point is 83.8 ° C. Explosive. Has a mild toxic effect. Chemical formula - C_2H_2...

Industrial poisoning with acetylene due to impurities contained in it (hydrogen phosphide, arsenous hydrogen, hydrogen selenium, ammonia, carbon monoxide, etc.) occurs most often during autogenous welding, especially in confined spaces (for example, in boilers). With prolonged exposure to acetylene, an increase in the content of hemoglobin in the blood, reticulocytosis, leukopenia and relative lymphocytes, bronchitis, pneumonia and pulmonary edema, dystrophic changes in the liver were noted.

Signs of acute poisoning: excitement, alternating with depression, in the presence of impurities - convulsions, paralysis; death is possible. First aid for acute acetylene poisoning: artificial respiration, inhalation of oxygen with 3-5% carbon dioxide admixture, body warming, intravenous glucose solution, symptomatic remedies.

To prepare a homeopathic preparation, acetylene was dissolved in a freshly prepared 46% aqueous solution of alcohol. After that, the solution was potentiated manually according to Hahnemann on the basis of the Fita-Sintex pharmacy up to 1000C.

Being slightly toxic in its native form, the potentiated drug Acetylene proved to be rich in symptoms. In the process of proving, the following symptoms of the pathogenesis of the drug were obtained.

Psyche: Delusion: Physical slowness. The feeling that you are moving slowly, slower than you want or need - splitting between the perception of the speed of movement and the very speed of movement - acceleration of the flow of "internal time" in relation to the external. The past, present and future are not worried. There is no connection between perception and action. Pursuitto loneliness, but society does not frighten or annoy.

Mismatch. In general, all feelings, movements and thoughts exist separately from each other. They can be coordinated only through experience, realizing that when you say “yes,” you have to nod your head.

Pronounced internal irritation, with external kindness and calmness. Ability to act aggressively, with a keen sense of the limit. For example, punish a boor on the road. At the same time, manifestations of uncontrolled Samaritanism.

Loss of sense of spatial orientation, i.e. bottom and top lose sensory and conceptual meaning. But there is no dizziness.

Panic in the tunnel. Feeling of overhanging It is impossible to differentiate fear. anxiety, only goosebumps and anxiety,

without losing control of driving the car.

Extreme irritability and laziness when it is necessary to express something, while maintaining tolerance towards the listener. Strengthening a sense of obscenity, without manifestation.

Lustfulness (not libido, a obsessive surveillance per by persons of the opposite sex) without taking into account habitual preferences and without inner confidence in their own sexual capabilities.

The tendency to "hang" physically, without loss of mental clarity and without "looping" thoughts, as in alcoholic intoxication (feeling "like" drunk ").

The need for help from others with the suppression of selfishness and stoic qualities.

Courage without rudeness. Recklessness without a sense of despair. Claustrophobia (especially ceiling pressure).

Observer. Cutting. Heavy. Brave. Lustful. Silent. Detached. Irritable. Aggressive but not dangerous. Collector. Hot. Movement and fresh air improves. Sharper in judgment and criticism, like a mentor. Self-criticism is underestimated, but the feeling of self-pity is heightened with a physical illness.

Duality: "What are they looking at me?" with complete indifference: "what will they think of me!"

Dream. Falling asleep is like a viscous sinking. Dreamless.

Head. Sensation: pneumatization of the maxillary grooves with strong feeling distension at the root of the nose. Feeling of balance, fullness of the head with air, lightness of the head (loss of a sense of weight). Numbness in the base of the skull and upper neck. Feeling that the head is separated from the neck.

The position of the head can be assessed only with a glance, analyzing the gaze vector (the first two to three hours after administration).

When moving - a constant shift to the left. Vertigo to the left, on turning the head and looking to the left. With visual course correction (while driving), it is very difficult to get rid of the deviation to the left. The brain understands, but nothing reacts to the bias (hands-steering, legs-walking).

Skin, integuments, not their own "from someone else's body." It's unpleasant and I want to scrape them off myself. Paresthesias, rapidly changing localization with painful scratching of the paresthesia zone.

Recurring episodes of spontaneous pain in the left temporal and superciliary region at the same time. The pain builds up quickly and does not last long. Sharp-breaking character. When the pain begins to subside, soreness occurs in the lower left jaw (limited area - where there are no teeth).

Numbness of the base of the skull, neck and larynx.

Eyes.Diplopia after looking to the left, blinking not helps. Recovers by gazing forward. I had to drive the car using my peripheral vision to the right. Striving for fixation of the gaze. With a loss of interest in the central sectors of vision, and normal (conceptually full-fledged) peripheral vision.

It is impossible to combine the concepts of visual reactions (focus-distance) and

feeling of inertia, especially when braking and accelerating the vehicle.

Mouth. Bitterness at the root of the tongue (such as heartburn) with constant nausea, no urging vomiting, within two days, without changing the intensity. The burning sensation descends, on the second day, into the larynx, replacing the burning sensation of the root of the tongue with its numbness and subsequent larynx. Bleeding, no discomfort, gums when brushing teeth. The blood is profuse, bright. Leaves no aftertaste. Despite the fact that the teeth are stable, the gums are without visible disturbances in structure and color. Tongue with a hint of yellowish islets at the root, color without peculiarities, no teeth imprints.

Nose. Discharge from the nose when blowing out, streaked with bright and abundantblood. Intense sensation of dryness of the nasal mucosa. Soreness of the wings of the nose on the right.

Breast. Pressing feeling behind the breastbone with bradycardia, the pulse is not felt. Stomach. Intense desire for stimulants, coffee and strong, not very sweet, tea. Reducing the need for salt. Strong desire for alcohol with intolerance. Nausea without vomiting. Bitterness in the mouth.

Genitourinary system. Gurgling sensation in the prostate in a sitting position, on soft.

Extremities. Strong, leaden weight in the shoulders and arms, without loss of strength inthem. Movement and control, than either, angular and sharp. In the morning, a physical sensation of heaviness in the body. Some stiffness of the hip, knee and ankle joints. With prolonged pacing, the heaviness and rigidity disappear.

Leather. The sensitivity of the skin to external influences is reduced. Wandering paresthesia of large areas of the skin. Skin, not their own "from someone else's body." It's unpleasant and I want to scrape them off myself.

General. Left-hand side. Constant heat from the inside out, with a feeling of hot andprofuse perspiration all over the body, excluding clothing. Striving for fresh, open, cool air, for breathing, but not in order to drop the temperature.

Indications for use. Premature aging therapy, in casewhen neurodegenerative processes prevail, optimization of gerontogenesis. It can be used both independently and in combination with other markers of gerontogenesis.

Contraindications for use. Contraindications for useno drugs of the "Acetylene potentiated" group have been identified, however, in the process of using these drugs, it is advisable:

- monitor the constitutional consistency of bioresonance preparations made with their participation, for example, using an electronic KMX marker;

- at the clinical level, to monitor the correspondence of the adaptation reactions of the organism to the laws of Hering, or the development of possible constitutional reactions of the "program conflict".

Method of application. Preparations of the group "Acetylene potentiated"are used in accordance with the general principles used in ART and BRT, for example, in accordance with the principles of multilevel systemic adaptive

diagnostics and therapy [11]. The expediency of using drugs of the "Acetylene potentiated" group as markers of light chronosemantics has not been established.

The drug "Chronos"

The Chronos preparation is an electromagnetic recording of ten running mechanical watches of various brands. The recording was made using three different devices: 1. APK "IMEDIS-EXPERT"; the recording was made in the modes of drug testing and transfer for three minutes each for each hour. 2. Apparatus for Mora-therapy; the recording was made for three minutes in the range from 10 Hz to 100 kHz. 3. Apparatus "Golden Section" designed by A.E. Kudaeva. The recording was made on homeopathic grits. Subsequently, the preparation was manually potentiated according to S. Hahnemann up to 1000C.

The drug is a symbolic representation of the perception of the passage of time. In potentiated form, the drug Chronos affects the internal time of the body. Moreover, both on the subjective perception of the organism as a functional system and its subsystems, and, accordingly, on the implementation of this perception. In the form of optimization, and, if necessary, slowing down the rate of the processes, including biochemical ones, in the body. And also, synchronization of the internal time of functional systems of various levels of the organism itself.

Results of preliminary provings: An increase in the critical flicker fusion frequency (CFF) from 0.5 to 5 Hz, accompanied by euphoria (the higher the CFF, the more euphoria).

Psyche. Increasing the speed of actions and movements; feeling that time walks very slowly, feeling that others are moving very slowly; anxiety, fear of being late.

Increasing irritation against the background of stupid pastime. It is impossible to focus on anything. Desire for activity with goofy reel. Internal tension is growing, there is no way to find a way to implement it. Any activity flows smoothly (as in the test of Triton
- Triturus B.) but without stupefaction. Something like suppression of choleric temperament traits. Time flows smoothly, the "time horizon" is visible, i.e. I know (feel) when this or that period will end. Cynicism and calm attitude to what is happening. Irritability against the background of confusion, with, in general, a holistic perception of what is happening. According to the inner feeling, there is a binding to the hands of the clock. Your own rhythm is dulled. Action close to Argentum nitricum. But Chronos does not reduce the level of anxiety, but inhibits its external manifestation. Sleep: disturbance, falling asleep late, two to three hours later than usual. Insomnia: disturbing sleep, wakes up every hour, immediately looks at his watch with fear of oversleeping.

Vision. Decreased visual acuity, especially daytime, on a cloudy day. Hearing.

Increased sensitivity of hearing to high tones, up to theirintolerance.

Stomach. Wolf hunger in the evening, somewhat less at night.

Alignment of the daily rhythm of food consumption, that is, breakfast, lunch and dinner, plus nightly "zhor". Reducing the need for salt.

Chair. Frequent, up to two to three times a day, formed or severalrelaxed.

Urine. Odorless darkening

Indications for use. Premature aging therapy, optimizationgerontogenesis. It can be used both independently and in combination with other markers of gerontogenesis: sleep disorders, neurotic reactions, treatment of desynchronosis, synchronization of various functional systems of the body when they are "unbalanced", impaired time perception, anxiety, optimization of gerontogenesis in the form, including possible its slowdown, premature aging, as well as delayed development, infantilism; violation of the perception of time (similar: Argentum nitr., Acidum nitr., Cocculus, Cannabis ind., Cannabis sativ., Glonoinum. They are complementary).

Contraindications for use. Contraindications for useno drugs of the Chronos group have been identified. However, in the process of using these drugs, it is advisable:

- monitor the constitutional consistency of bioresonance preparations made with their participation, for example, using an electronic KMX marker;

- at the clinical level, to monitor the correspondence of the adaptation reactions of the organism to the laws of Hering, or the development of possible constitutional reactions of the "program conflict".

Method of application. The drugs of the Chronos group are used inin accordance with the general principles used in ART and BRT, for example, in accordance with the principles of multilevel systemic adaptive diagnostics and therapy [11]. The expediency of using drugs of the "Chronos" group as markers of light chronosemantics has not yet been established.

The drug "Annelida. Regeneration"

Recording the signal of the regeneration of an earthworm, potentiated by hand according to Hahnemann on the basis of the "Fita-Sintex" pharmacy.

The worm regeneration signal was recorded using a laser probe manufactured by A.E. Kudaev and a point magnetic inductor (Center "IMEDIS") connected to the device. The recording was made separately for the "Head" (head segment, class G homacords) and tail (tail segment, class H homacords) of the regenerating worm. The recorded signals of regeneration were used as a tincture for the preparation of potencies 6, 12, 30, 100, 200, 1000 according to Hahnemann. Then the preparations were grouped into homacords according to sequential stages of regeneration, selected as a whole, in accordance with the principle of the "golden section" in time, i. E. the first homaccord included the 1st day of worm regeneration, the second - the 2nd day of regeneration, the third - the 3-4th day of regeneration, etc. All potencies of the regeneration signals recorded in the days

The drug belongs, according to the authors' classification, to the class of drugs -

evolutionary programs, a subclass of drugs for regeneration and rejuvenation.

It is known that the "annelida" earthworm, cut between the 9th and 13th segments, regenerates up to a mature individual, and with the help of this process vegetative (asexual) reproduction of earthworms can be carried out. From this, in particular, it follows that in the process of regeneration, the flow of biological time in the body of the worm is reversed - its rejuvenation. It can be assumed that a weak electromagnetic signal of rejuvenation and regeneration arising in the worm's body during its recovery can turn on dormant (epigenetically blocked) genes of the human body that respond:

- on the one hand, for the regeneration of its tissues, organs and systems, which proceeds more efficiently than when using only organopreparations of these tissues of organs and systems;
- on the other hand, for the directed control of apoptosis and / or lysis of damaged tissues during a full cycle of regeneration.

Indications for use.

Preparations from the Annelida group. Regeneration ”are the drugs of choice when it is necessary to use evolutionary programs of regeneration and rejuvenation. They can be used as stimulants and correctors of regeneration, in case of injuries, as well as other acute and / or chronic diseases. There is also evidence that these drugs can be used as stress protectors, oncoprotectors and teratoprotectors (for signs of DNA damage: radiation, poisoning, hereditary degenerative diseases), as well as gerontoprotectors, in order to prevent premature aging, which can be the main majority of cases of aging are attributed.

The described group of drugs can be used both independently and be part of complex bioresonance drugs.

Contraindications for use. Contraindications for usepreparations of the Annelida group. Regeneration "was not revealed, however, in the process of using these drugs, it is advisable:

- monitor the constitutional consistency of bioresonance preparations made with their participation, for example, using an electronic KMX marker;
- at the clinical level, to monitor the correspondence of the adaptation reactions of the organism to the laws of Hering, or the development of possible constitutional reactions of the "program conflict".

Method of application. Preparations of the group "Annelida. Regeneration"are used in accordance with the general principles used in ART and BRT, for example, in accordance with the principles of multilevel systemic adaptive diagnostics and therapy [11]. The preparations "Head" and "Tail" are the drugs of choice: those homacords from these groups are used that are positively tested during the ART examination of the patient as resonant. It is possible to use drugs of the Annelida group. Regeneration ”as target markers in light chronosemantics.

It should be noted that according to pilot data, preparations from the "Head" group can be used to restore the anatomical structures of the oral cavity and pharynx, including the restoration of dental dentin and even dentalenamel, as well as damage to the central nervous system at the level of the head and chest (upper metameres) including the brain. In contrast, drugs from the Tail group can be used to treat the lower parts of the central nervous system, including lesions of the lower spine and peripheral nervous system (sciatica), as well as for the treatment of various chronic gastrointestinal diseases.

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