



What Does an Error Consist in Strategy of Medicine?

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Abstract

Errors come into question in strategy of medicine. An aim of medical measures is an achievement of health, and she engages in illness. In addition, the modern paradigm of medicine does not take into account fundamental position of biology that a human organism is the open thermodynamics system that submits to all laws of thermodynamics. Thus, energy potential of the biosystem is essence of physical health and his foundation, and people fall ill and prematurely die from the loss of health (energy potential). The problem of forming of new paradigm of health protection becomes actual.

Keywords: Health; illness; energy potential of the biosystem; paradoxes of medicine

Introduction

In XX1 eyelid changes are in process, radically changing life of Humanity. Only that remains unchanging: people are ill and, eventually, die. Thus, nobody sees paradoxes in a fight against inevitability of illnesses and death. However, they exist. First from them consists in that, putting the task the achievement of health, medicine wrestles with illnesses. This paradox erroneous, but firmly deep - rooted ideas are the basis of that a health is this absence of illness. Meantime, different mechanisms and different technologies of influence have a health and illness in the basis on them. The second paradox yet more striking: a fight against illnesses takes place despite good sense, contrary well known for the Natural laws.

What does speech go about?

Nothing in the world takes place without the expenses of energy. Energy manages all, that takes place in the world. Her laws determine existence of Universe, our Planet, all living and lifeless. Well and, certainly, Man. Do we take into account in a due measure circumstance that a man is the open thermodynamics system functioning due to sunny energy, and his state is in a great deal determined by the laws of thermodynamics? Centuries - old experience of practical health protection gives a negative answer

for this question. So, a source of life is sunny energy. On a Figure 1 the simplified sequence of transformation of sunny energy is presented in energy accumulative in the mitochondria's type of high-energy compounds (macro ergs). Exactly the macro ergs provide the mechanisms of self-organisation of the living system (homoeostasis, adaptation, reactivity, resistance, regeneration, reparation, thermoregulation, indemnification, ontogenesis AO). These are the mechanisms of health, the damage of any of that results in development of illness. Nobody of drivers will search direct reason of failures in - process car if an accumulator is discharged. And medicine until now searches the hidden reasons illnesses for that accepts one or another links of pathogeny. Although here they - lie on a surface my to Hendrie's, i.e., intracellular accumulators are discharged. But medical science does not examine energy potential of the biosystem as basis of healthy existence and gives all forces (and facilities!) to the fight against the consequences of deficit of energy, providing the process of vital functions. On Figure 2 interrelation of mechanisms of health and illnesses is presented. The left triangle is all the mechanisms indicated higher self-organization of the living system, that is provided by energy of mitochondria. This triangle medicine does not interest, she him does not investigate. Id Est, the state of mechanisms of health remains

outside attention of doctors. And a right triangle(pathogeny), that signifies by itself disorders of mechanisms of self-organization biosystems resulting in development of pathology, shows by itself the aim of efforts of health protection. Thus, methodically all deeper submerging checked in search «half-ohm», medical science

while did not yet decide the problem of timely interference with the processes of normalization of vital functions. Already quite soon we will reach in the diagnostic research to the molecular level, but whether will decide the problem of health, going a well - trodden way, improbably.



Figure 1: Transformation of energy of a sun in energy of mitochondria.

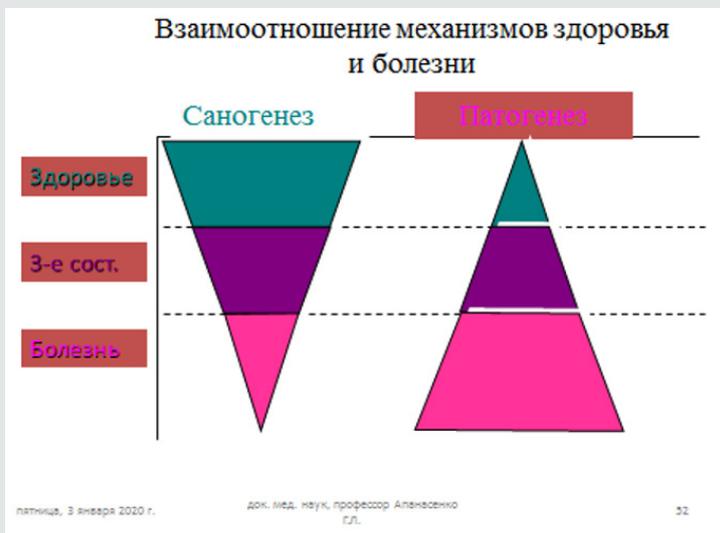


Figure 2: Mutual relations of processes of health(sanogenesis) and illness(pathogenesis), and also states (health, 3rd state, illness) determined these relations.

And why on a Figure 3 the algorithm of life of abstract cage is presented. On included in her is food, oxidant (oxygen) and water (all reactions in an organism pass between solutions, but not hard substances) prepared for oxidization. As a result of oxidization of Foodmaker's accumulate in mitochondria. On an exit are exhaust foods of metabolism. A triangle regulates the process of life as nervous, endocrine and immune systems. It would seem, at a safe receipt checked of necessary for energy components and optimal

adjusting, nothing threatens an organism. But this erroneous conclusion: there is one circumstance radically influencing on all vital functions of organism. Law of «atrophy from disuse» - one of basic laws of Nature. What does it mean for our situation? And it means that without the substantial expenses of energy potential of vital functions of cage will go down. One energy spending on metabolism obviously not enough, physical activity, able to form the «effect of supercompensation», arising up after the substantial

energy spending (Figure 4), is needed. From this point of view the positive for the health of man role of the organized motive activity it is difficult to over - estimate. Moreover, it is set by us, that such level of power potential of organism is, neither somnopathies nor endogenous risk of their development («safe» health level) factors register oneself higher than that [1]. However, it is unknown medical science, and as a result the scientific articles bewilderment is expressed in that appear in authoritative magazines, why force of handshake is closely associate with the risk of development of

cardiovascular pathology [2], why ability to do physical activity as a 40 quetching from sex, is the reliable sign of health of the cardiovascular system etc. At the same time, it is needed to do justice to the researchers: modern scientific literature is filled by proofs of positive influence of physical activity on the state of functions at the most different diseases - from the Alzheimer's disease and depression to cardiovascular pathology [3] However, to change a look to physical activity only as an important factor of healthy way of life, scientific public is while unable.

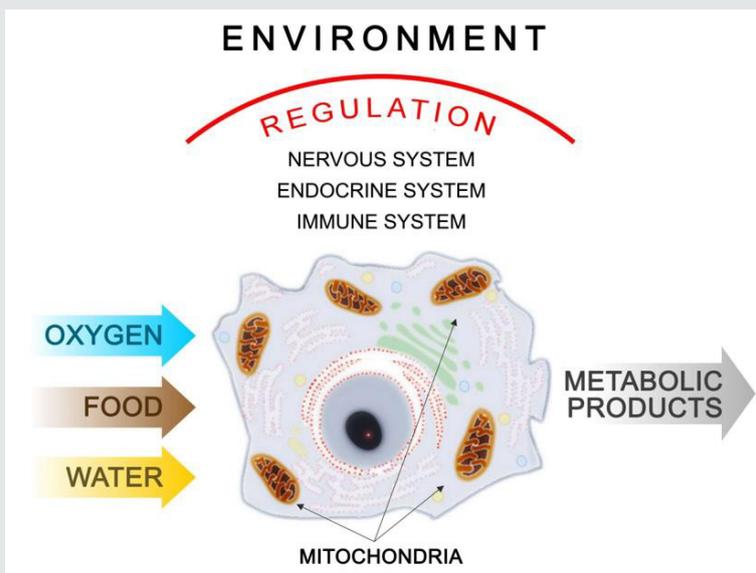


Figure 3: Explanations are in text.

Фазность процессов ВОССТАНОВЛЕНИЯ

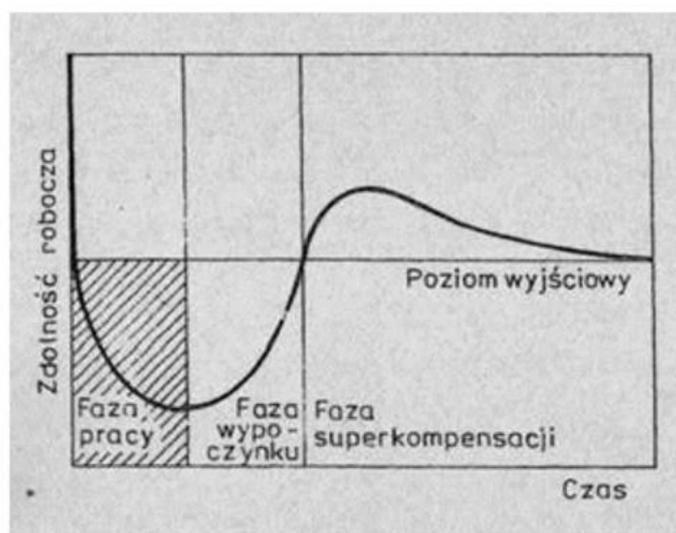


Figure 4: Phase of super indemnification after physical activity.

Answering the question celled in the title of the article, we can draw conclusion, that strategy of health protection is incorrect. At least, she needs displacement of accent of fight against illness on monitoring and strengthening of health of man. Importance and necessity of similar radical change of strategy are conditioned by another very sad for humanity circumstance: on Humanity an evolutionary catastrophe approaches as biological degradation [4]. Reason of all described phenomena one is a decline of stability of the open thermodynamics system which a human organism is, because of lack of energy in mitochondria. Obviously, came it is time to be thoughtful above forming in addition to «industry of illness» (curative establishments) of the «industry of health», sent to renewal of power potential of organism. Industry of health is a fitness in all his displays. But of for the decision of problem of management it needs a health well to itself to present, what health

and how they must manage. From the stated higher becomes clear that essence of somatic health is energy potential of the biosystem, and management by a health it is the complex of measures, sent to his maintenance and renewal.

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