Особенности работы мозга

-Начал я с общественной солидарности, а кончил тем практическим заключением, что нам, русским реалистам, можно только осмеивать потихоньку наши мелкие глупости и медленно учить не вместе с нашею ленивою публикой самые элементарные истины строгой науки. Какое торжественное начало и какой мизерный конец! Гора мышь родила, подумает читатель, и я никак не осмелюсь ему возразить.

-Реалисты-. Д. И. Писарев

при лечении методом RANC

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Перед применением прочитайте инструкцию. Необходимо проконсультироваться с врачом

"I started with social solidarity, and ended by the practical conclusion that we, the Russian realists, we can only quietly ridicule our petty nonsense and slowly learn with nasheyu lazy audience most elementary truths of rigorous science. What a grand beginning and a miserable end! Mountain gave birth to a mouse, the reader will think, and I did not dare to contradict him. "

DI Pisarev "realists."

Mountain gave birth to a mouse

- Wikipedia, the free encyclopedia

The expression "Mountain rodilá mouse" is used when talking about high expectations, but small results, on who promises a lot, but gives very little.

Expression back to fable Aesop known only in alteration of the Roman fabulist Phaedrus, «Mons parturiens» («Parturient mountain"). Horace «Ars poetica» («Art of Poetry"), mocking bad poets, his poems are filled with high-sounding expressions, saying, "Give birth to the

mountains and a funny mouse is born."

That is what comes to mind when you read the abstruse line diligent people about any issue. There is a feeling of inferiority and unreal awareness authors. Although, when summing up, read constantly reminded of the final line of the well-known fable "Quartet": - "Are you friends like any sit down, it's all musicians not fit!".

Maybe my words will seem and someone daring, but, on the other hand, judge for yourself, how to treat and how in general can be normal, educated person to understand the meaning, for example, such a text.

Pathological physiology

The close relationship between the components of the extrapyramidal system - pallidum and str iatum
provided by numerous bundles of nerve fibers. Because of the connections between
the thalamus
and striopallidarnoy system formed
reflex arc
, ensuring the implementation of numerous stereotypes and automatic movements. The close relationship striopallidarnoy system with nuclei

of the hypothalamus
determines its role in the mechanisms of emotional reactions.

The nature of the clinical manifestations of the disease depends on which part of the system striopallidarnoy struck - striatum and pallidum. If excessive striatal inhibitory effect arises hypokinesia - poverty of movement, amimia. Hypofunction of the striatum gives rise to excessive involuntary movements - hyperkinesis . Pallidum has an inhibiting effect on striatal structures. For Parkinson's disease is characterized by reduction of the inhibitory effect on the striatum pallidum. Damage pallidum leads to "
inhibition of inhibition
" (
I myself reading it, so "pulled up, trying to make sense, we can say simply" got to hammer " approx. Author
) peripheral motor neurons.

After reading this and would like to say loudly as Yuri Nikulin hero of the film "Prisoner of the Caucasus" - **"In short, Sklifosovsky!"** . I believe that in order to make people far from medicine, but very interested in how to get clear answers to normal questions got their answers need to express everything in plain language.

I often write on the topic of Parkinson's disease. Earlier this disease and everything connected with it I do not care. Rather, interested in nothing more than, for example, the Dow Jones, which I do not understand and do not need a hundred years. The Institute of Neurology Department was just one of many, and for me it is incomprehensible with their disease did not differ from the same "incomprehensible" Hematology and Endocrinology. During the training I learned that Parkinson's disease is incurable, and "treat, cure-nevylechit" it must be multiple medications. Working neurologist, I began to regularly communicate with people suffering from the disease, and their hope for recovery mixed with depression over the inevitable fatal outcome, as well as a huge number of questions prompted the search for answers to the problems I have. Many of the answers, such as the cause of the disease, the mechanism of its development, the method and tactics of treatment were found. I did not confuse what we think, write and speak and think and say now people, is considered an authority in the matter. It seems to me, rather I am even sure that people suffering from Parkinson's and their families in the long run a little worried about who and what of the luminaries of medicine thinks. A specific person, which, for example, broken TV, a completely uninteresting, who invented it and a Chinese name, Japanese, or German he collected, as well as the fact that this will make the TV wizard, which he undertook to repair. The main thing is that the TV working again, but the disease was not, and is not to explain why it can not be cured. During the consultations, people often ask me important questions concerning the normal physiology and pathophysiology of the central nervous system. In simple terms, these terms can be expressed as; how a healthy brain and how it functions in the disease? To speak in such terms that I gave up completely pointless, because no one will understand. So I came up with a few visual comparisons that illustrate these processes.

The brain is designed and works in accordance with a specific genetic plan. That is, all 100 billion brain cells (neurons) are located relative to each other so that the electrical pulses, which they transmit to each other the information passed on strictly defined ways. On this depends the coordinated work of all our body cells that make up all the organs and systems. Without careful "top management" nothing happens in our body. Of course, every organ, tissue, or have some certain level of autonomy and can some time to exist in isolation from the whole organism. However, neither for the body itself, nor for the body, from which it was extracted, or were just temporarily limited their relationship (for example, by reducing circulation) it promises nothing good. For example, cells of the cerebral cortex, at the termination of the oxygen supply due to stop blood flow for 5 minutes killed, and the skin which has been removed from the body is able to persist and grow even if it placed in the nutrient solution indefinitely long time. But, it's still only medical nuances, and they are not for the average person the value, because any of us is important, not the details, and then just to live, do their own thing and not think about how it is necessary at this time nails grow, to work the kidney, heart, or hematopoietic system. All this without our participation, normally self-other must happen. That's how things work in a healthy organism, under the guidance of the brain. Energy flows and is distributed in the brain on the necessary ways and in the required amount, and the information necessary for the smooth operation of all cells of the body is transferred to them from the brain through the nerves.

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