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Universal algorithm of differential diagnostic

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Dear Colleagues! Modern development of telecommunications today allows conducting a telemedical consultation of any complexity. However, a problem of telemedicine consultations, as well as any other consultation is not in remote access of a doctor to a patient. This is a common problem of diagnosis. I would call this problem of the name of serial "Doctor House." This problem is a lack of pathognomonic symptoms for diagnosis. The process of diagnosis, in practice works like this.

Step one. A doctor makes a list of possible diseases that the patient may have. Step Two. The doctor makes a list of symptoms to confirm these diseases. Step Three. The doctor determines the presence or absence of these symptoms in the patient. And then the problem of Doctor House is arising. Found the symptoms may not be suitable to the list of probable diseases.

Fortunately there is a solution of this problem. Unfortunately the solution of the problem is only the mathematical one. I applied a mathematical formula to create an algorithm differential diagnosis. The result has been stunning.

The algorithm of differential diagnosis solves any problems with making diagnosis. It optimizes the diagnostic process and save money by eliminating the inappropriate tests. I will try to explain how it works.

A patient consults to a doctor with some symptoms. The doctor inserts these symptoms in the diagnostic program. The program shows on screen all known illnesses with these symptoms. Usually it is a list of several dozen illnesses sometimes hundreds ones.

If you click on any illness you can see it's symptoms. At this stage the syndromic diagnosis ends. The Problems of Doctor House begin. To avoid this problem I run the algorithm of differential diagnosis, which works through all of these diseases. This algorithm indicates to me a symptom which I should identify in the patient. Positive or negative answer I paste to the program. Six or ten of these steps and the diagnosis is complete.

Summary:

Universal Algorithm of Differential Diagnostic solves all problems with remote diagnostics and clinical diagnostics.

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