What is Internet-hospital.com. ua/? It is a New Functional Unit in Healthcare, but not Only

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Opinion

The Internet hospital is quite a new phenomenon in medicine and telemedicine. Telemedicine is understood as any remote communication between a patient and a doctor. Telemedicine has been around for a long time. For example, radio medical advice for sailors on ships. Using of the Internet for consultations provides new opportunities for telemedicine. Of course it is quite comfortable. But how to make this technically? There are 2 main ways. First way is to create a Telemedicine Center and to create telemedicine offices, which can work separately from other medical facilities or to be involved in them. In this case a patient should come to the local telemedicine office where he can have an opportunity to connect with Telemedicine Center for consultation. Second one is to get a consultation through the website anytime from anywhere a patient is. Even if a patient is at home and even if a doctor is in distant clinic the patient can get proper consultation. Of course we can create a website. Than we propose to the patient register the email and than to send the answer on a patient's question on this email address. The most existing telemedicine sites do like this. But there are some challenges with this situation. The first one is it is not a consultation. It just answer on a question. Consultation is a system of interrelated questions and answers that are built into one logical chain and continue in a limited continuous period of time. The doctor assesses the patient's health situation specifically at this time. If time of consultation interrupt for a long time or even a day or hours the health situation may change. And it is also impossible to evaluate the pre-diagnosis and make more or less reliable conclusions from the information that the patient will provide about himself. Must be online communication, when the doctor asks questions specifically to him interested. We can use for instance some chat applications as Viber or Skype, but they don't have the database. This is the second big problem. The database is very important for telemedicine because without it we lose all patient's data and can't work. Ordinary databases does not have a chat. And the third one are documents which is going to be for any patient applying for telemedicine consultation. And the third one are documents which is going to be fill out for any patient applying for telemedicine consultation. According the legislation of some countries it is compulsory condition.

So what should we do in order to create proper telemedicine website? At least to make convenient chat for communication between a doctor and a patient in mode of real time. And what should we do to create an internet hospital? This is to add a powerful database and to add a documentary clerical work. It is not so simple task. It is like to unite Facebook with Skype and Viber and with Oracle in one whole and to adjust it on performance of medical tasks. However this great job has been done and the Internet-Hospital.com.ua was created.

So Internet-Hospital.com.ua/. Can we consider it as a high-grade internet hospital? First one there is service of online-consultations. 24 hours 7 days on the main page. Second one there is database in it. And third one there are templates of medical records and other documents in it. So it is exactly internet hospital and completely ready to work.

There are several options for doctors working with the Internet hospital. The first is home telemedicine. This is when the doctor does not have an office or clinic. He is registered in an online hospital and consults patients. There are several options for doctors working with the Internet hospital. The first is home telemedicine. This is when the doctor does not have an office or clinic. He is registered in an online hospital and consults patients. He can visit the patient at home, but cannot make appointment in a clinic. Also doctors from privet clinics and government medical facilities can register in the Internet-Hospital.com.ua/. In this case extraterritorial principe works. Any doctor can consult a patient from anywhere and make a preliminary diagnosis and prescribe some treatment. But if the patient need more medical

care the internet hospital find a clinic in nearest place where the patient is. And another doctor continue work with this patient. In this case the internet hospital sorts patient on territorial principle and according the diagnosis.

Also government medical facilities can register in internet hospital. They service the patients on territorial principle. They usually serve the patients on territorial principle. Also there is a opportunity to register in the internet hospital nurses, paramedics, orderlies, masseurs and other staff.

There is one more database in the internet-hospital.com.ua/. I called it as Knowledge base. Knowledge base is the database of diseases and their symptoms. Easy access to the knowledge base during the consultation helps the doctor reduce the time to find the right information.

There is one unique thing in Internet-Hospital.com.ua/. I named it Digital Diagnostic. It based on modified Universal Formula of Diagnostic Algorithm first used for GLEDIS Server in 2003 and submitted on several international congresses include 1st ISDM Congress in 2016. Digital Diagnostic applying differential and syndromal diagnostic across all medical specialty. Digital Diagnostic making the diagnosis with likelihood up to 100% and submitting it to the doctor while consultation. The speed and probability of the consultations with Digital Diagnostic is very high. In fact the specialists of Internet-Hospital com can produce unlimited quantity of telemedicine consultations.

You can already see Internet-Hospital.com.ua/ in test mode. Better to use Google Chrome or Opera, but soon all browsers will be adjusted. The official start of it is going to be in the middle of 2018.