

Q&A with Stephane Meystre, CEO and Founder of Clinacuity, Inc. adding Intelligence, Functionality and Security to Electronic Health Records



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Interview conducted by:
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CEOCFO Magazine

CEOCFO: Dr. Meystre, what is the concept behind Clinacuity Inc?

Dr. Meystre: The concept behind Clinacuity is adding intelligence to health records and making it possible for healthcare providers to use it proficiently or more proficiently. It unlocks rich and detailed clinical information from all the texts found in the electronic health record.

CEOCFO: What are the challenges in creating a user friendly solution?

Dr. Meystre: We integrate or add functionality to an existing commercial health record system such as EpicCare. We make it possible to have an automatic dynamic summary of the key information about the patient. Instead of having healthcare providers search for this information by reading multiple text notes, reports, letters and so on, which is typically the case now, we apply artificial intelligence to extract all this information automatically from all these notes and then make it available in a summary dashboard. This makes it possible to have key information about a patient in a few minutes instead of hours or even days.

CEOCFO: How do you get all of the nuances and maybe a stray finding that a medical professional has somewhere in the mix, that may be lost in a summary?

Dr. Meystre: Just to make that very clear, when I say summary I do not mean a text summary. What I mean is a display of groups or lists of structured, coded information about a patient. This includes the problems or allergies a patient suffers from, the medications or other treatments the patient is taking, recent investigations, recent and abnormal investigation results and so on. All of this information is structured and coded. This means that it is linked to multiple functionalities. You can see the source of it if you do not know about it or want to verify it. We do not add anything automatically to the record without verification. We always have a human in the loop to do a final validation. However, it is just one click, so it is less than a second instead of a much longer, manual process. What we add is validated and verified by our experts; always.

CEOCFO: Are there certain types of information that are easier or harder to present or to pick up?

Dr. Meystre: No, there is a large variety in terms of difficulty. Some information that is fairly standardized, like for example medications, is not very difficult to obtain. Other information such as medical problems is more difficult. The definition of what should be a problem varies a great deal. It varies between specialties; it varies between healthcare organizations, even between individuals. Therefore, we add something that answers the needs of the eighty percent of the majority and the remaining twenty percent may want something else and will have to do a little more manual validation, but we can still