

DEVELOPMENT OF NEW SOFTWARE SPECIALIZED IN NUTRITION RESEARCH (FIRST PHASE: OBTAINING INFORMATION).

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Background and Objectives:

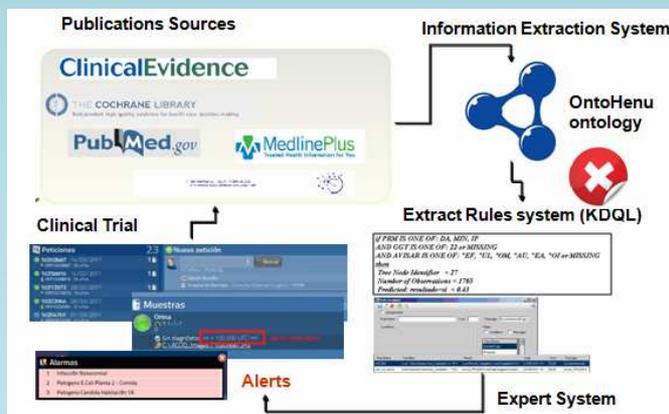
New technologies must be part of the development of science and should be user-friendly to allow the researcher streamline and optimize their work. Currently there is no tool that meets with these characteristics in the field of nutrition, so it is being developed a computer application (CA) that incorporates all the processes through which knowledge is generated.

Methods:

The different stages of information search have been integrated into the **CA**: the software is able to obtain and process the information from the variables of interest to the researcher. The **CA** works with one or several questions simultaneously, in ordinary language, which is then translated into controlled vocabulary (MeSH, Thesaurus ...) for your search in specialized databases (MEDLINE, Cochrane ...). The **CA** organizes this information and integrates concepts of evidence-based medicine and CONSORT criteria that allow assessing the power and quality of information. At the same time this tool incorporates a system of alerts about the existence of new information on the net. The browser is also able to identify and assess related images.

Results:

In the first phase of its development, the software has shown good results when it is compared with the usual practice of seeking information. The speed of finding information with **CA** is better, and the assessment of the quality of the information is appropriate.



Conclusions:

This new software for support of scientific research will streamline and optimize the work of the researcher in the nutrition area, improving the quality of the process and the results of the search for new knowledge

Keywords: Software, Nutrition Research

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