Application of a bilingual faceted terminological system for specialized information retrieval

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Objective: The central aim of this poster is to describe the development of a virtual resources library with specialized contents on the field of cardiovascular diseases, organized according to a faceted organisation of categories.

We understand “facets” as the classes of the different categories of one specific subject field.

The intern back organisation of this classification is bilingual, in order to improve the accuracy of the results.

Cardiovascular diseases
- Heart diseases: arrhythmias, heart failure, heart neoplasms...
- Vascular diseases: hypertension, stroke...
- Cardiovascular abnormalities: Malformations, heart defects...

Bilingual glossary: Includes all topics and document categories terms
Contains other possible synonyms

Labels for topics:

Reference documents:
Atlas, books, clinical practice guidelines, databases, dictionaries, glossaries

Other professional information:
Congresses and other meetings, health and medical portals, associations, etc.

Search Types:
By:
- categories
- word search
With the possibility to search words into one or some specific categories

List of E-Resources

User

Results: Without a doubt one of the most important aspects for the quality of information resources is the accuracy of the retrieval of the contents, avoiding the silence and the documental noise. The faceted classification methodology has shown us the possibility to deal with more than one category and so the possibility to increase the relevancy of the search results.