

Thesaurus Management Module

MOMO's thesaurus management module entails four thesauri:

- MICROBIOLOGY
- SAMPLE MATERIAL
- ANTIBIOTICS/ANTIMYCOTICS
- DEPARTMENTS

Each of the concepts that form a thesaurus consists of an externally provided or internally generated code and the corresponding textual label/name. Furthermore, MOMO's thesaurus management allows the definition of synonyms for each thesaurus entry. The entries can be organized hierarchically into superordinate and subordinate concepts across several levels. Concepts may possess more than one parent element.

Free Text Processing

A particular advantage of MOMO is the system's ability to accommodate microbiology results that are not sent in coded form but as free text terms. Using MOMO's thesaurus management, it is possible to create thesauri from these textual data as well. Thus, the latest results that have not been coded yet can immediately be incorporated into the thesaurus and are available in query results for patient care, infection control, and quality management without delay. This feature is especially important for MOMO's QuicksScan functionality.

For many of Momos query parameters, it is possible to construct a query searching for free text terms. Then, MOMO analyzes the microbiological results by natural language processing.

Thesaurus Architecture and Maintenance

Thesauri can be provided either by the customer or by Medexter (please specify and request); international terminologies can be used as well (please specify and request). Our thesaurus management is part of MOMO's management module and serves as an excellent tool (a) to build new thesauri or (b) for thesaurus maintenance on a regular basis. Both can be done by the customer or provided as a service by Medexter (please specify and request). We offer introductory training sessions as well.

