Developing competencies in Documented Structured Information Search (DOSIS)

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Background

The **DOSIS-guide framework** was developed through a **multidisciplinary collaboration** including lecturers from health science studies and health science librarians. **DOSIS-guide** was developed as a **didactic tool** with the purpose of developing student competencies related to knowledge of **literature search strategies** and skills in completing and documenting searches in scientific databases.

Description

Development of the **DOSIS-guide** framework began in 2012 and the physiotherapy department immediately integrated the framework in educational activities related to student information literacy. **Empirical experiences** using **DOSIS-guide** as a didactic framework, teaching information literacy have been very positive. **Students successfully used DOSIS-guide, to translate questions origin from clinical practice into structured search strategies**, by identifying and establishing isolated search blocks of relevance. Further, documentation of carried out searches in scientific databases, included detailed information on search date, terms included in search blocks, combinations of search blocks, number of identified articles and criteria applied in article selection.

Importance

Information literacy competencies is important, if physiotherapist students are to fulfil educational demands, meet future expectations of evidence-based practice and continually update knowledge relevant to a professional life as a physiotherapist. However, **a validation of DOSIS-guide as a didactic framework** associated with empirical experienced changes in student competencies is imperative.

References
