Systematic reviews: Why don't researchers consider to include a medical librarian and would this collaboration have made things better?

**Introduction**

There is systematic review (SR) support @ KU Leuven Libraries for PICO/Concepts and search strategy by information specialists. Is our support an added value for the quality of the search strategy?

**Aims**

- Map the SR's @ KU Leuven
- Assess quality of search strategies @ KU Leuven
- Map the awareness about our support (To do)
- Assess motivation (not to involve the library (To do)

**Methods**

1. **Search:**
   - SR's (01/01/2016-31/12/2018)
   - First/last author = KU Leuven/University Hospital Leuven
2. **Deduplicate** in Endnote X8 and Rayyan
3. **Select:** 2 reviewers in Rayyan
4. **Score** search strategies based on PRESS checklist (To do)
5. **Survey** authors about our service (Qualtrics) (To do)

   - *Approved by Social and Societal Ethics Committee*

**Selection on title/abstract**

- Pubmed/Medline 1957 citations
- Embase.com 2585 citations
- Web of Science 1180 citations
- Cochrane library 20 citations

- 4222 Non-Duplicate Citations Screened
- 2869 Articles Excluded After Title/Abstract Screen

- 266 Articles included After Title/Abstract Screen

**Preliminary results**

- 1957 citations
- 2585 citations
- 1180 citations
- 20 citations

**Figure 1:** Number of clients for search strategy support @ KU Leuven and their academic status (University staff or Master student).

**Figure 2:** Number of SR's at KU Leuven published between 2016-2018 (n=266).

**Figure 3:** Of the 43 clients 84% published at least one search strategy, while 64% of the 'No client' group (n=223) published their search strategy. The 'No client' group was more inclined to publish only keywords (33%) compared to our clients (9%).

**Discussion**

Rise in number of clients @KU Leuven
- Master student rise → Master thesis option: SR
- 2018-2019: Compensate master support in curriculum

Low percentage of published SR’s = clients
- Reason? → Survey to ‘Client’ and ‘No client’ group

Clients are more inclined to share full search strategy
- However, journal requirements for each SR should still be checked

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