

Information retrieval – Database researches and teaching staff and students at the Charité

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Medical Library

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Charité – Universitätsmedizin Berlin

Medical Faculty of

- Humboldt University Berlin
- Free University Berlin

- 4000 FTEs - scientific staff
- 7000 students

- Medical Library:
27 employees (24 FTEs) + 10 student assistants

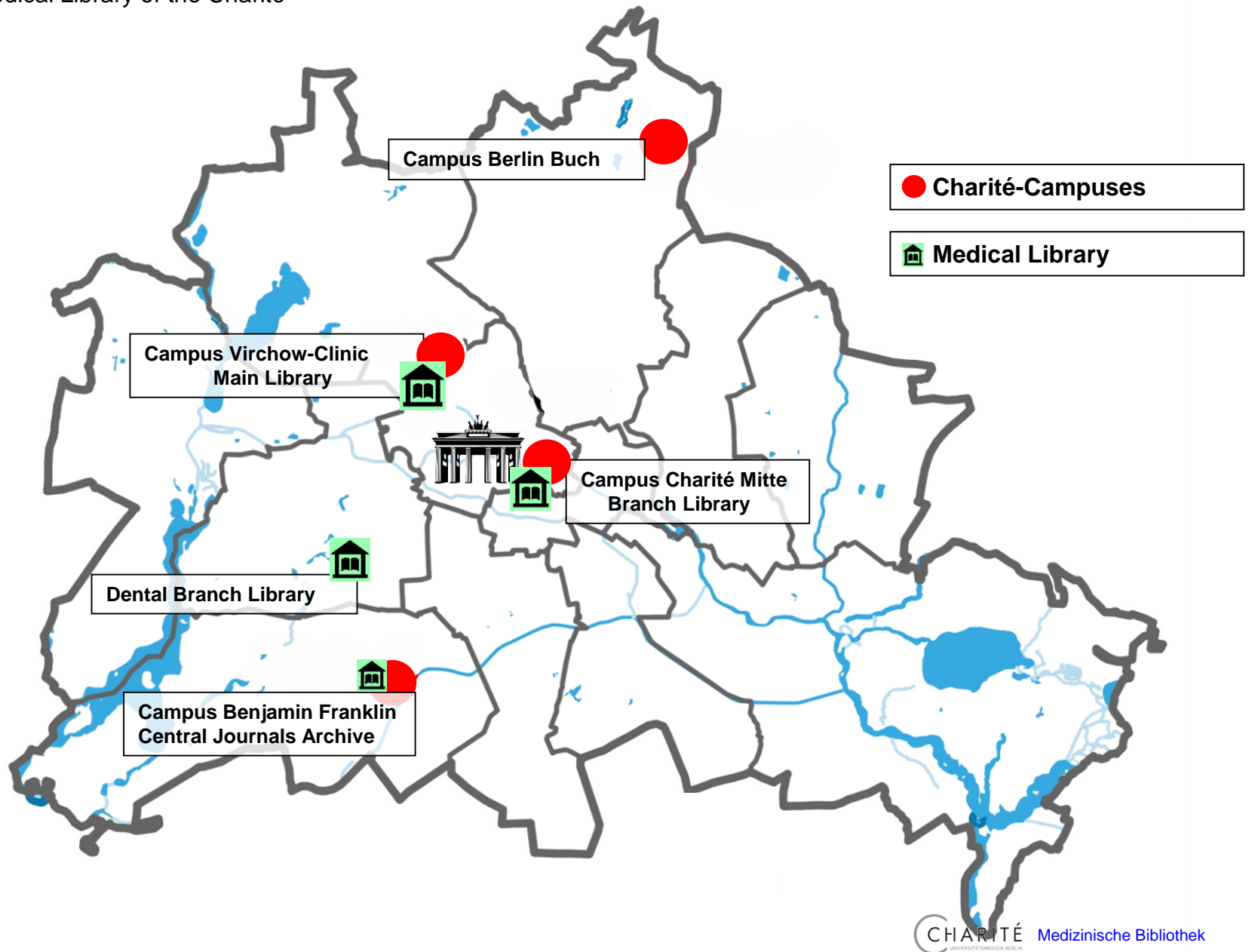
Degree programs at Charité

- Medicine → New Revised Medical Curriculum
- Dentistry
- Health Care Sciences (Bachelor)

Master's Degree programs

- Cerebrovascular Medicine
- International Health
- Medical Neurosciences
- Molecular Medicine
- Public Health and Epidemiology ...

The Medical Library of the Charité



Main Library on Campus Virchow Clinic

- Library administration
- Central Acquisitions and Cataloging Department
- System administration

Branch Library on Campus Charité Mitte

- Central Interlibrary Loan Department
- Information Retrieval and Teaching
- Mo – Fr 9 – 20 h Sa 9 – 18 h

The Medical Library of the Charité

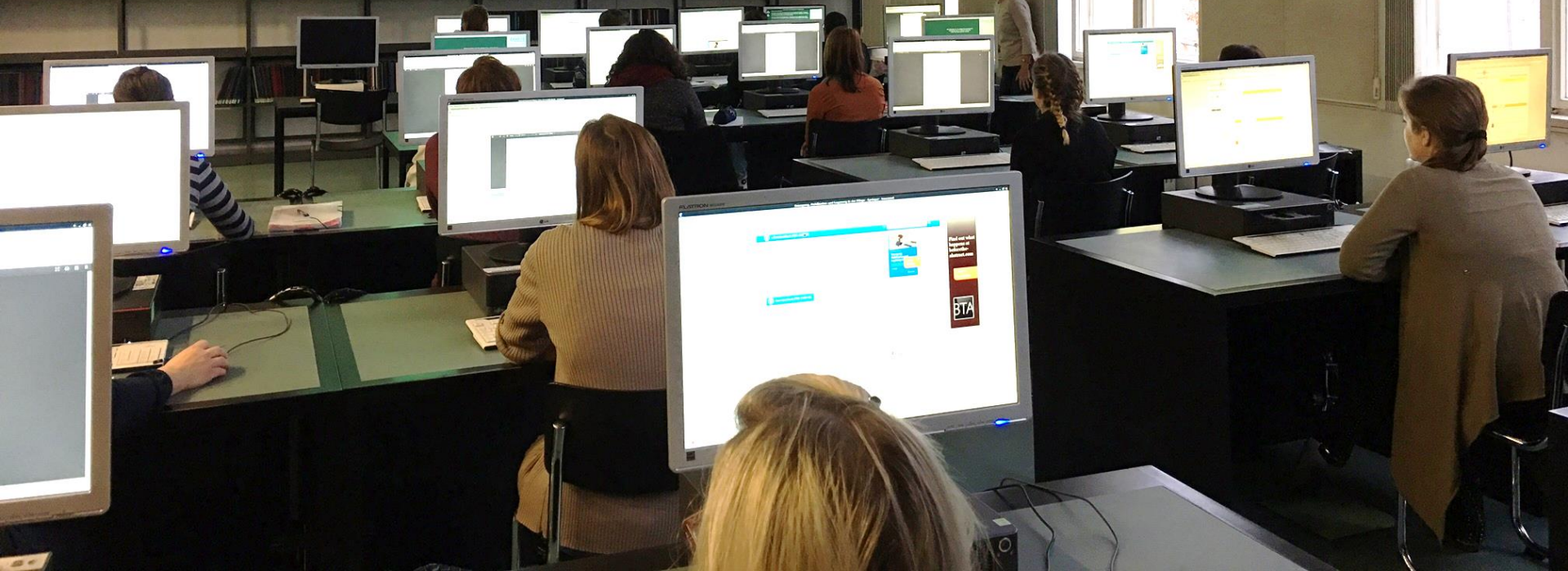
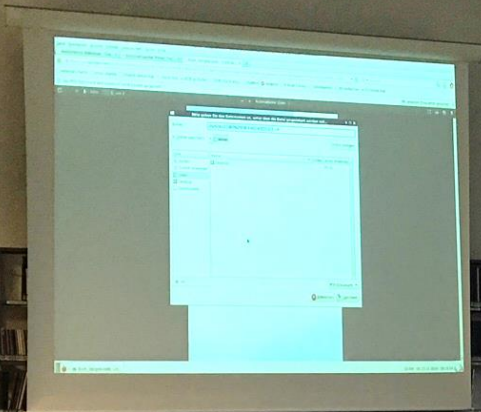
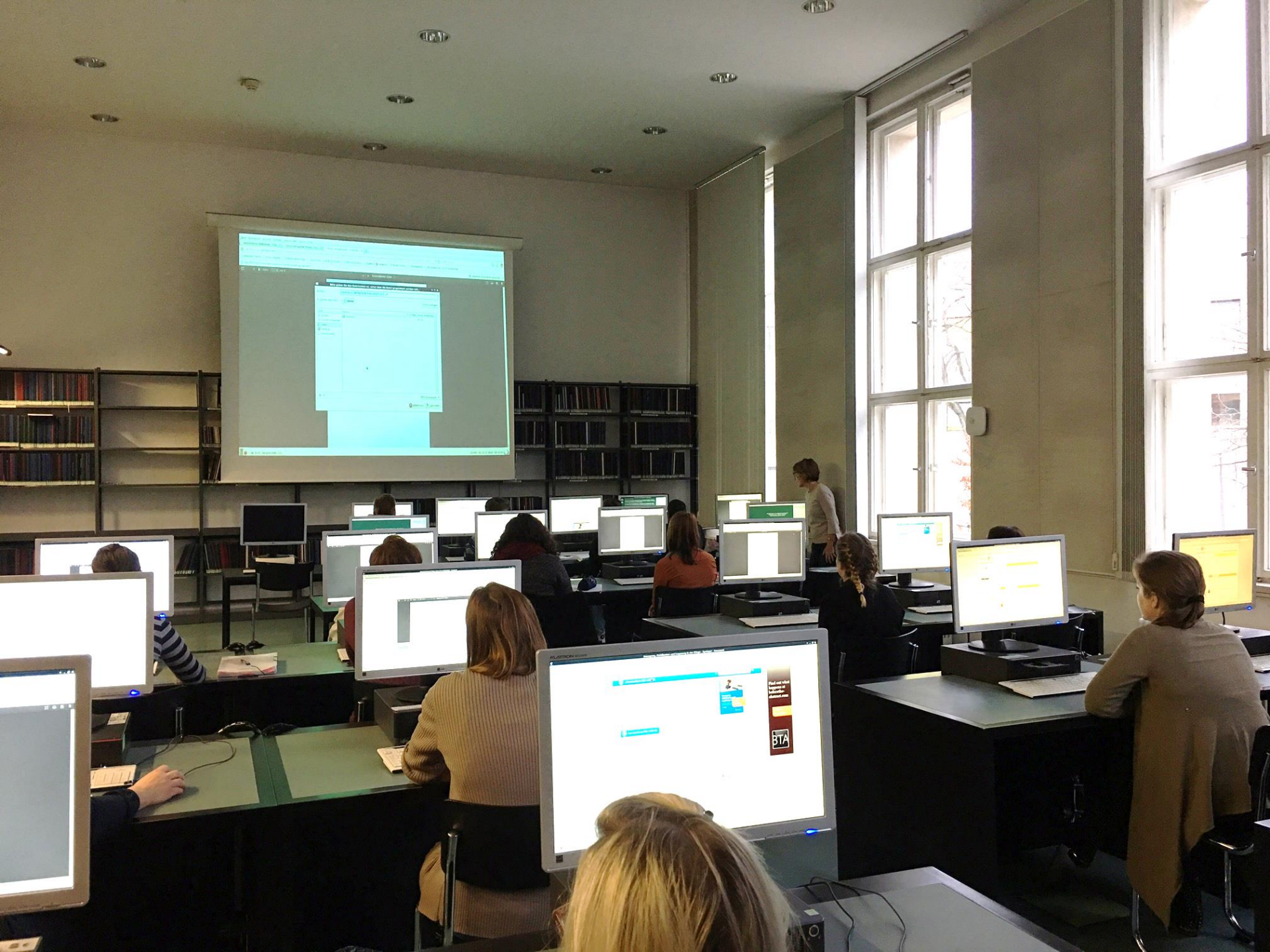












Databases – Campus licenses

- Medline via PubMed or OvidSP
- Embase
- Cochrane Library
- Web of Science
- CINAHL
- PsycInfo, PsycArticles, Psynindex
- SocIndex
- Livivo

Unit for Information Retrieval and Teaching

- Created in 1991
- 2 colleagues

- Performing of searches on demand
- Assisting users in systematic searching
- Teaching staff and students
- Contacts to database providers

Literature searches on demand

- For staff, doctoral candidates, students
- For external users:
 - Physicians, medical clinics, institutes, patients
- Free of charge for Charité
- For a fee for external users
- Order form / email
- Bibliographic data + abstracts

Reasons for requests

- Dissertation, Thesis
- Publications, Systematic reviews
- Practice guidelines
- Lectures, Presentations
- Expert opinions
- Medical problems
- Approval of drugs or medical products

Bibliometric questions

- Bibliometric analysis, citations, h-index, Journal Impact Factors
- Share of open access articles of scientists in Berlin
- Investigations in case of suspicion of plagiarism

Requests for database researches

<u>1993</u>	<u>2004</u>	<u>2008</u>	<u>2012</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
786	123	100	67	83	82	51

End-users are searching themselves

- Free access to PubMed
- Licensed databases
- Internet

Assisting users

- Requests for assistance in searching rise
 - Systematic reviews, Practice guidelines
 - Thesis, Journal articles
-
- Systematic searching
 - Different databases
 - Documentation of the search history

Personal counselling

- Handling of database interfaces
- Developing of search strategies
- Saving the strategy in the user's account
 - End-users select relevant articles
 - Charité-SFX – link resolver
 - Full text access
 - Order form „Doctor-Doc“

Courses

- Regular introductions to databases
 - Courses for special degree programs at Charité
 - Library and database introductions for external groups
-
- Attendance free
 - Registration required

Regular Courses

- Once a month during semester
- 3 days – with about 2 hours / day

- for students, staff and external users
- about 10 – 20 participants

Main topics of the courses

- Medline and other databases at Charité
- Developing of systematic search strategy
- Online Training
 - PubMed
 - Embase (OvidSP)
 - Cochrane Library
 - PsycInfo or Cinahl (EBSCOhost)
 - Web of Science, EndNote online

Courses for degree programs at Charité

- Medicine – Module „Scientific working“
- Bachelor or Master's Degree programs
 - Health Care Sciences
 - Public Health
 - Molecular Medicine
- Interested working groups
- Continuing education of allied health personnel

Courses for external groups

- Universities of Applied Sciences
- Professional schools for allied health personnel
- Nursing Care, Midwifery, Physical Therapy, Complementary Medicine ...
- Tour through the main library
- Homepage, catalogs and services
- E-books, e-journals, full text access
- PubMed, Livivo, Cochrane Library...
- Examples of the subject area of the group

Preparation for the courses

We ask for

- previous experiences in literature research
- existing questions
- interesting journals, books and databases
- specific examples for searching

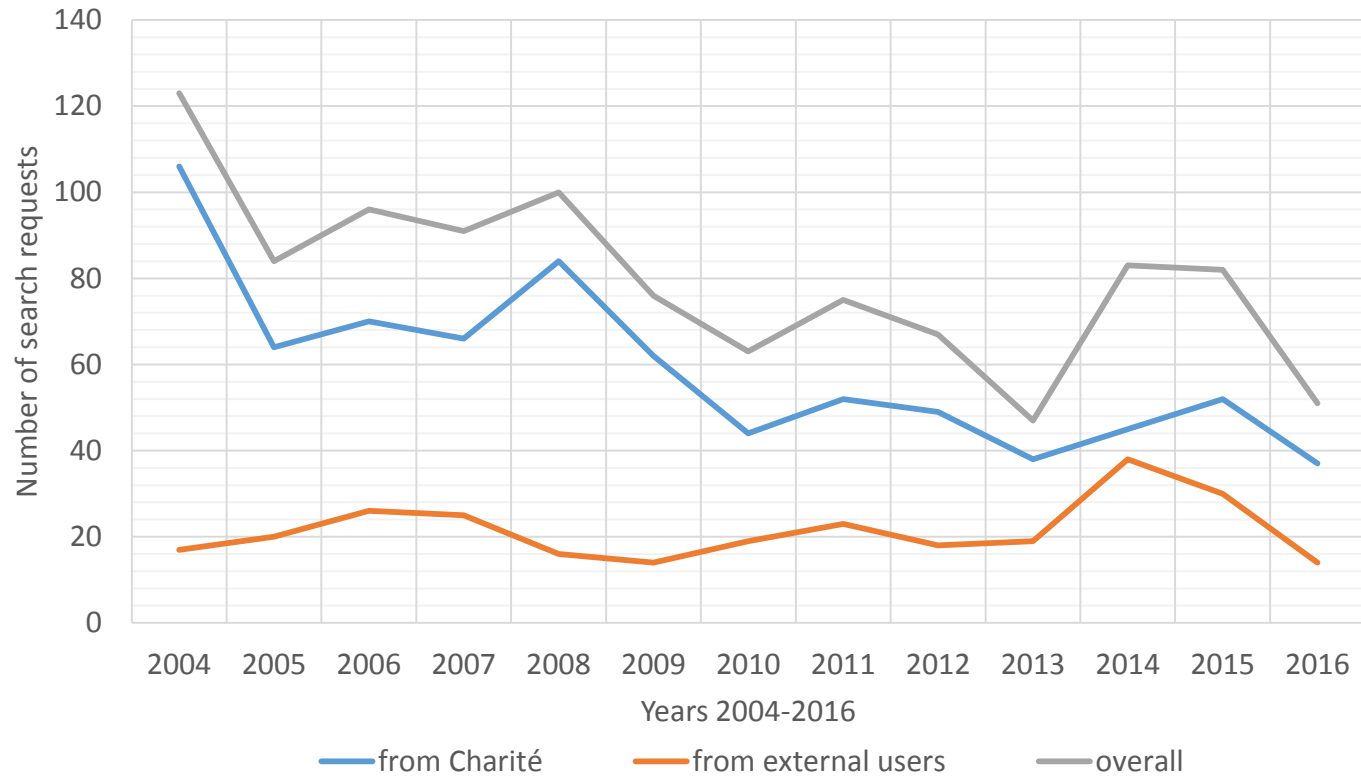
How to develop a systematic search strategy?

- Selection of relevant databases
- Analyzing the questions
- Selection of search terms – keywords + MeSH terms
- MeSH database
- Boolean operators
- Searching step-by-step or by PICO
- Search history for combination
- Combination of MeSH search + free text search
- Refining the search – Filters ...
- Saving and documentation of the history

Some statistics for 2016

	Total	Char.	Ext.
• Search requests	51	37	14
• Courses	63	38	25
• In-house staff training		9	

Requests for database researches



Thanks for your attention!

Any questions?