

Research Support Services for Evidence Synthesis



www.unibe.ch/ub/medresearch

Evidence synthesis is a type of research method that allows researchers to bring together all relevant information on a research question.

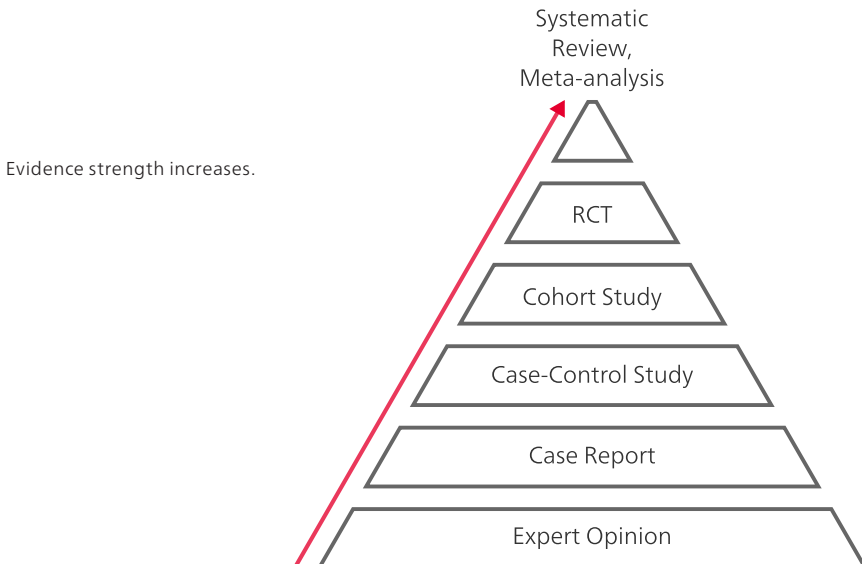
Evidence synthesis projects include producing reviews such as systematic reviews or scoping reviews.

Finding the Medical Evidence

Evidence-based clinical practice and decision making is key for a healthy population. Reliable evidence is generated by considering patients' values and by synthesizing clinical experience and research output.

The information specialists at the Medical Library are experts in finding publications, clinical trials, protocols, and grey literature from different databases and platforms.

Evidence pyramid



Our Offers for Evidence Synthesis

Systematic Literature Searches

We plan systematic searches with you, perform them in the most appropriate databases, and document them for transparency and reproducibility.

Framing Research Questions and Choosing Review Type

We show you how to frame your research question effectively. As there are many review types to choose from, we guide you in finding the type that will best answer your research question.

Protocol Development

To avoid research waste and improve your chances of successful publication, register your review protocol. We create project-specific protocol templates, suggest the best-suited registries, and support you with expert advice.

Reference Management and Screening Tools

We recommend the tools best-suited to the next steps in your review. We export de-duplicated references in the required format and help you set up tools like EndNote, Rayyan, and Covidence. For larger projects we offer a free access to Covidence.

Peer Review

Have you already designed a search strategy that you would like us to check? Our experienced information specialists will use the PRESS checklist to review it and provide valuable feedback.

Data Management

Developing an effective data management plan is essential for maintaining research integrity. We ensure the preservation, sharing, and publication of your evidence synthesis data.

Consulting and Workshops

We answer your specific questions in individual sessions. We also share our wide knowledge through workshops and courses.



We Support you Throughout Your Project



1. Submit a Request

You submit the request form on our website: www.unibe.ch/ub/medresearch. An information specialist gets in touch with you, schedules a meeting, and guides you through the next steps.

2. First Meeting

In the first meeting we clarify your expectations and answer open questions. Together with you as the subject matter expert, we define search concepts and search terms. We provide resources on protocol registration.

3. Protocol Registration and DMP

We will collaborate with you to register the review protocol (recommended) and establish a data management plan (DMP).

4. Search Strategy

We design an initial search strategy, mostly in Medline or Embase. You review this search strategy and the results it produces. We adapt the the search strategy based on your feedback.

5. Final Search and Results

We translate the search strategy to the designated databases and platforms. We export the results in the format of your choice and de-duplicate them. Now you can begin screening, extracting data, appraise the studies, etc.

6. Publication and Data Preserving

As co-authors*, our information specialists write the methods section and ensure your data is preserved.

* see ICMJE Recommendations

12 Steps in a Systematic Review



Research Question
1



Scoping Search
2



Study Design Decision
3



Team Composition
4



Protocol Registration
5



Search Strategy
6



Screening of Results
7



Data Extraction
8



Quality Assessment
9



Synthesis of Research
10



Interpretation
11



Writing & Publishing
12

Fees

Literature Search Services

Free*	Insel University Hospital Bern employees Exception: Master's students (see our research support services and courses); manual and grey literature searching.
CHF 120/h	University of Bern internal affiliates One hour free
CHF 120/h	Canton Bern public administration employees One hour free
CHF 150/h	External clients One hour free

* for details see our policies

Group Workshops & Courses

Free	Coffee Lectures on Demand 20-30 minutes; ask for the "Coffee and Bit(e)s menu card".
CHF 255/h	For members of the University of Bern, Inselspital staff and Canton Bern employees Incl. preparation time, excl. tax and travel expenses. Fee for external clients: CHF 330.00/h

The Research Support Team at Your Service

Head Medical Library



Dr. Michelle
Schaffer

Scientific Staff (Information Specialists)



Tania
Rivero



Dr. Zayne
Roa-Díaz



Dr. Marc
von Gernler



Tanya
Karrer

Academic Writing Experts



Dr. Kali
Tal



Dr. Samporna
Rappaz

Medical Library

Research Support Team
Baltzerstrasse 4
3012 Bern
Schweiz

Mail: support_med.ub@unibe.ch
www.unibe.ch/ub/medresearch



University of Bern

Medical Library
Baltzerstrasse 4
3012 Bern
Schweiz

Telefon +41 31 684 46 07

E-Mail: support_med.ub@unibe.ch

www.unibe.ch/ub/medresearch