



RESEARCH COMMITTEE

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PROSPERO Registration

*Prepared by Dr Udara Senarathne
Secretary, Research Committee, FMS, USJ*

1. Creating a PROSPERO Account

1. Register or Log In

- Navigate to [PROSPERO Home](#)
- Click **Join** to register or **Login** if you already have an account.
- Verify your email if you are registering for the first time.

NIHR | National Institute for
Health and Care Research

PROSPERO
International prospective register of systematic reviews

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Join us



2. Before You Register Your Systematic Review

1. Define and Refine Your Research Question

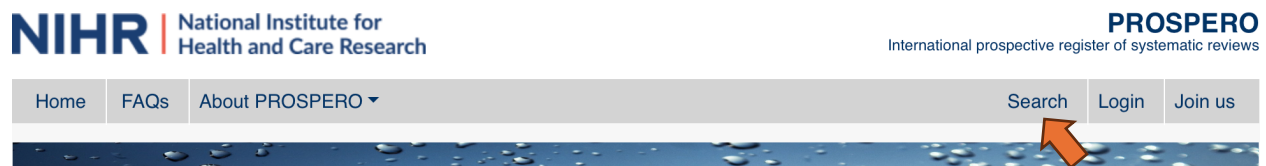
1.1. Frame a Clear Question

- 1.1.1. Use a structured format: PICO (Population, Intervention, Comparator, Outcome), PECO (Exposure), or SPIDER (qualitative).
- 1.1.2. Ensure the question is specific, answerable, and relevant to stakeholders.

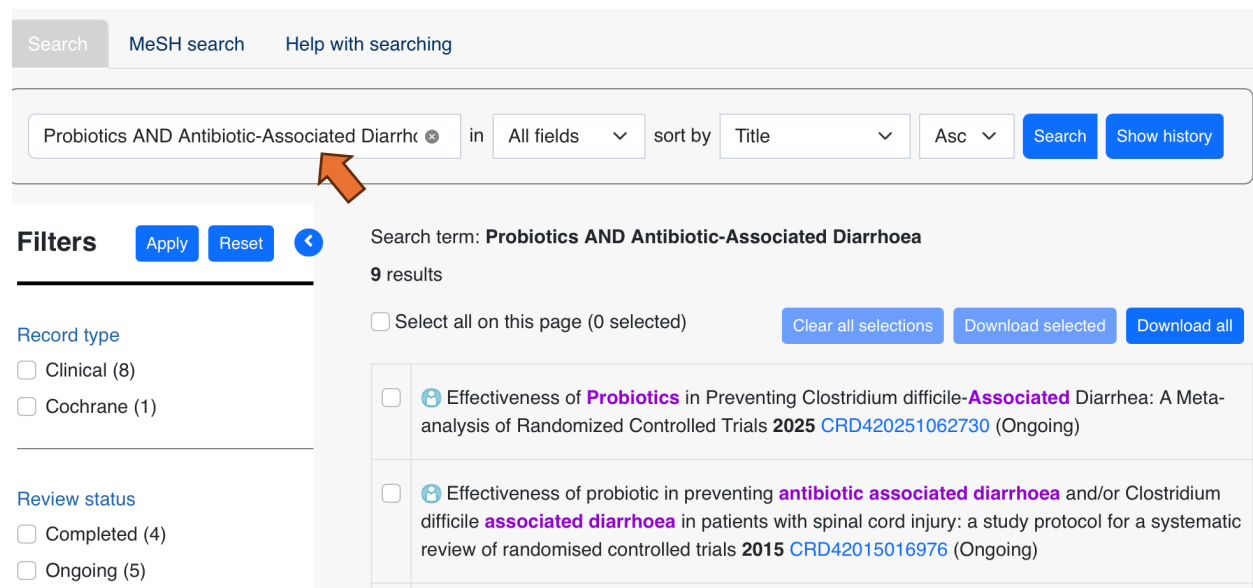
E.g.: Probiotics to Prevent Antibiotic-Associated Diarrhoea in Children

- **Population:** Children (any age) receiving systemic antibiotics
- **Intervention:** Any probiotic preparation (e.g., Lactobacillus, Saccharomyces)
- **Comparator:** Placebo or no probiotic
- **Outcome:** Incidence of antibiotic-associated diarrhoea
- **Rationale:** Well-studied intervention; consistent outcome definitions; several meta-analyses already, but scope for updating.

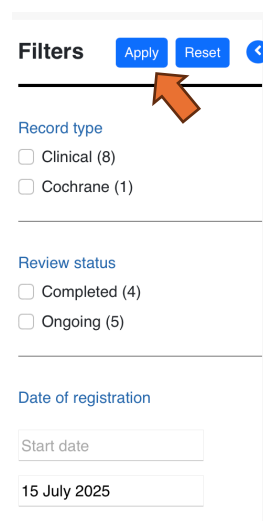
1.1.3. **Assess Novelty:** Conduct a preliminary scoping search to verify the question has not been comprehensively addressed.



Type your systematic review **keywords** in the search bar using boolean operators (AND, OR)



You can **filter your search** results by clicking on relevant filters and clicking 'Apply'



Going through **the completed SRs** would help you understand how to fill your own application. Go through a few PROSPERO records as a learning activity for preparation of your own protocol. Choose records that are either completed or registered within the past two years, as older or long-standing incomplete records may be of lower quality or contain issues.

Filters

Apply

Reset

◀

Record type

☐ Clinical (4)

Review status

☒ Completed (4)

Date of registration

Start date

15 July 2025

Search term: **Probiotics AND Antibiotic-Associated Diarrhoea**





4 filtered results (from a total of 9)


☐ Select all on this page (0 selected)

Clear all selections

Download selected

Download all

<input type="checkbox"/>	 The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis 2024 CRD42024563362 (Completed)
<input type="checkbox"/>	 The effectiveness and safety of treatments used for acute diarrhoea in children: a systematic review and network meta-analysis 2015 CRD42015023778 (Completed)
<input type="checkbox"/>	 The efficacy and safety of probiotics in people with a cancer: an updated systematic review and meta-analysis protocol 2016 CRD42016050252 (Completed)
<input type="checkbox"/>	 The use of probiotics in people with cancer 2012 CRD42012003454 (Completed)



National Institute for
Health and Care Research

PROSPERO

International prospective register of systematic reviews

The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis

Yosua Yan Kristian, Annisa Alifaradila Rachmayanti, Fitria Nusa Eka Pratiwy, Yohannessa Wulandari, Diana Sunardi

Citation

Yosua Yan Kristian, Annisa Alifaradila Rachmayanti, Fitria Nusa Eka Pratiwy, Yohannessa Wulandari, Diana Sunardi. The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis. PROSPERO 2024 CRD42024563362. Available from <https://www.crd.york.ac.uk/PROSPERO/view/CRD42024563362>.

REVIEW TITLE AND BASIC DETAILS

Review title

The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis

Review objectives

Does Lactobacillus casei Shirota improve the severity of antibiotic-associated diarrhoea in adults?
Does Lactobacillus casei Shirota improve the duration of antibiotic-associated diarrhoea in adults?

Keywords

antibiotic-associated diarrhea, Lactobacillus casei Shirota

Go through **published SR procols** to deepen your understanding.

BMC Systematic Reviews is a journal that publishes SR protocols.

These will help you to refine your own protocol and fulfil required information for the PROSPERO registration.

The screenshot shows the BMC Systematic Reviews website. The header includes the BMC logo and 'Part of Springer Nature' on the left, and a search icon on the right. Below the header is a navigation bar with links for Home, About, Articles, and Submission Guidelines. The main content area is titled 'Articles' and features two search tabs: 'Search by keyword' (which is active) and 'Search by citation'. Below these tabs is a search bar with the placeholder text 'Search Systematic Reviews'. An orange arrow points to this search bar. To the left of the search bar, there are links for 'Article collections', 'Reviewer', and 'Acknowledgements'. Below the search bar, a specific article is highlighted with the title 'Barriers and facilitators impacting the implementation of digital interventions targeted at mental health and musculoskeletal disorders in the workplace: a scoping review protocol'. The article's abstract begins with 'The digital transition in the workplace has increased trends such as permanent connectivity, an increased sedentary lifestyle, and reduced social interaction, leading to additional psychosocial and ergonomic r...'. The authors listed are Mallorie Leduc, Andrea Sinesi, Margaret Kenneally, Margaret Maxwell, Birgit Greiner, Birgit Aust, Carolina Piña, Andreas Czaplicki, Evelien Coppens, Alex Burdorf, Ricardo Gusmão, Daniel Guinart, Johanna Cresswell-Smith, Gentiana Qirjako, Naim Fanaj, and Eleftherios Giovanis. The article is dated 'Systematic Reviews 2025 14:148' and is labeled as a 'Protocol' published on '12 July 2025'. At the bottom of the article preview, there are links to '> Full Text' and '> PDF'.

BMC Part of Springer Nature Search

Systematic Reviews

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Acknowledgements

Articles

Search by keyword Search by citation

Search Systematic Reviews

Barriers and facilitators impacting the implementation of digital interventions targeted at mental health and musculoskeletal disorders in the workplace: a scoping review protocol

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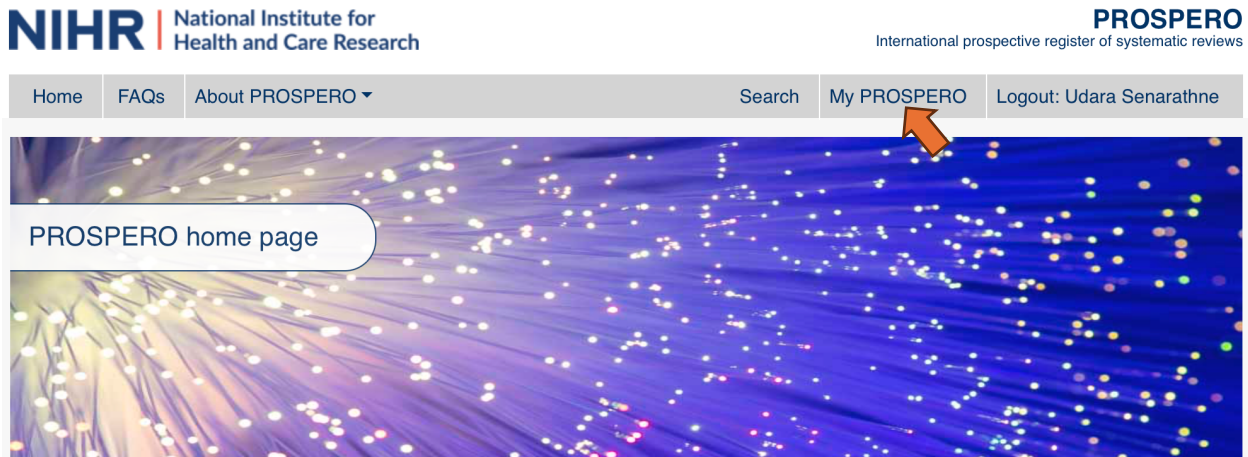
Systematic Reviews 2025 14:148

Protocol | Published on: 12 July 2025

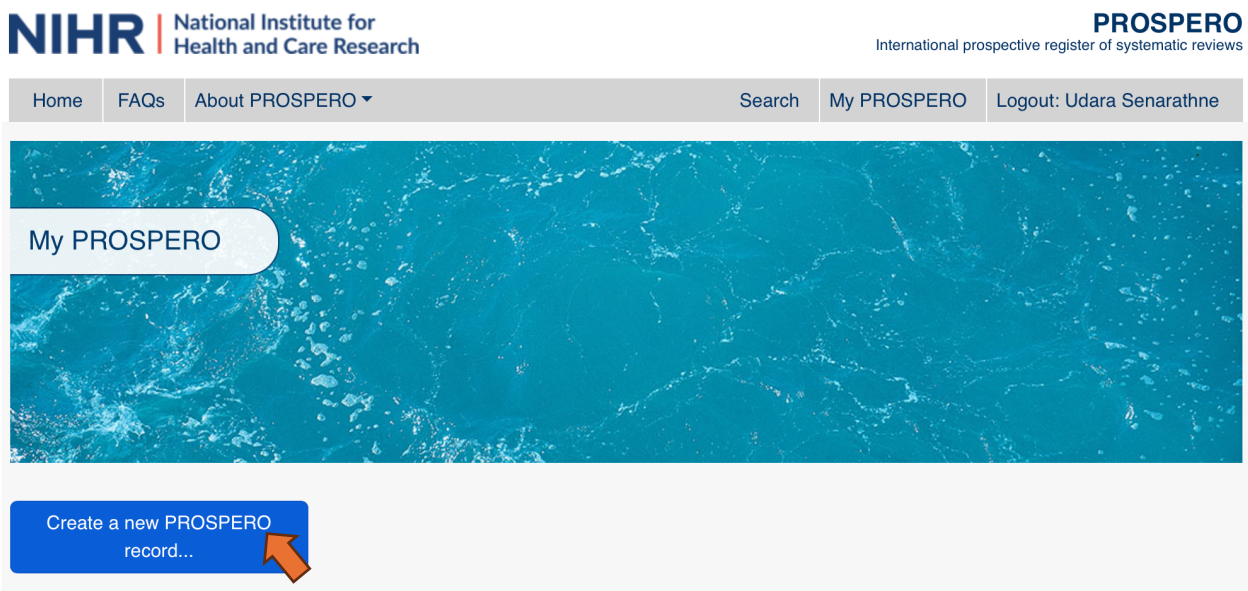
> [Full Text](#) > [PDF](#)

3. Registration of Your Systematic Review

After login, go to **My PROSPERO**.



Click on Create a new PROSPERO record to **Initiate a New Record**



Select appropriate options for your Systematic Review topic. When it comes to selecting what type of review, please select '**Intervention review**' irrespective of your topic as other types of review registration options are still under development currently. (July 2025)

What type of review are you planning?

☒ **Intervention review**
Assessing the benefits, harms or experience of a health intervention (medicine, treatment, vaccine, device, preventative measure, procedure or policy).

☐ Coming soon: Diagnostic test accuracy
Assessing the accuracy of a diagnostic test in detecting or excluding a particular disease or condition.

☐ Coming soon: Prognostic review
Assessing the probable course or future outcome of people with a particular health problem.

☐ Coming soon: Review of incidence or prevalence
Assessing the prevalence or incidence of a disease or condition.

☐ Coming soon: Methodology
Examining the evidence on methodological aspects of systematic reviews, trials and other evaluations of health and social care.

[Register your review now](#)

You can enter the specific details for each section and leave it as '**Save for Later**' initially so that you can make changes during the process of registration. Once all details are finalised, you can proceed to '**Mark as complete**'.

Review title Hide instructions

Enter the review title here (* required)

B I

Probiotics to Prevent Antibiotic-Associated Diarrhoea in Children

7 words - minimum 5, maximum 30

[Save for later](#) [Mark as complete](#) [Go back](#) [Preview](#)

Given below are the information you need for the Registration of Your Systematic Review on PROSPERO

REVIEW TITLE AND BASIC DETAILS

Review title

Condition or domain being studied

Rationale for the review

Review objectives

Keywords

Country

ELIGIBILITY CRITERIA

Population

Intervention(s) or exposure(s)

Comparator(s) or control(s)

Study design

Context

SIMILAR REVIEWS

Check for similar records already in PROSPERO

TIMELINE OF THE REVIEW

Date of first submission to PROSPERO

Review timeline

Date of registration in PROSPERO

AVAILABILITY OF FULL PROTOCOL

Availability of full protocol

SEARCHING AND SCREENING

Search for unpublished studies

Main bibliographic databases that will be searched

Search language restrictions

Search date restrictions

Other methods of identifying studies

Link to search strategy

Selection process

Other relevant information about searching and screening

DATA COLLECTION PROCESS

Data extraction from published articles and reports

Study risk of bias or quality assessment

Reporting bias assessment

Certainty assessment

OUTCOMES TO BE ANALYSED

Main outcomes

Additional outcomes

PLANNED DATA SYNTHESIS

Strategy for data synthesis

CURRENT REVIEW STAGE

Stage of the review at this submission

Publication of review results

REVIEW AFFILIATION, FUNDING AND PEER REVIEW

Review team members

Review affiliation

Funding source

Peer review

ADDITIONAL INFORMATION

Additional information

Review conflict of interest

Medical Subject Headings