

Learning Live

How study centric data management in RevMan Web streamlines systematic review production

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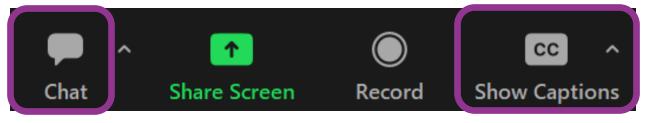
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Zoom

- Your microphone will be muted to prevent background noise
- To turn subtitles on or off, click on "Show/Hide Captions"
- > To ask a written question, click on "Chat" to open the chat





Moving fully to RevMan Web

As of 25 April 2023

- Check out to RevMan 5 is disabled
- Check in to RevMan 5 will remain active until 18 May:
 Please check these into RevMan Web ASAP

In preparation for this we have made sure that:

- All types of Cochrane reviews are supported in RevMan Web
- You can subscribe to access RevMan Web for reviews that are not published in Cochrane



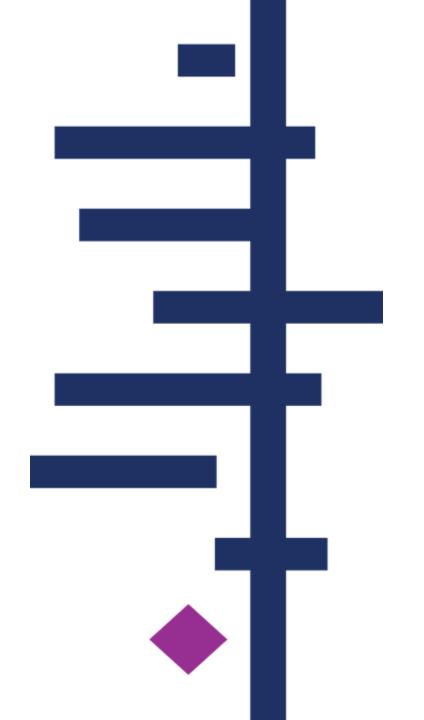
Benefits of RevMan Web

- Instant access to updates
- Collaborative working
- Optimized for the original risk of bias tool and Risk of Bias
 2 (intervention reviews)
- Integration with GRADE Pro GDT (intervention reviews)
- Study centric data...



Study centric data

Trusted evidence.
Informed decisions.
Better health.





What is study centric data (management)?

Authors plan their analyses at protocol stage within RevMan to facilitate data extraction and automatically populate their analyses in review stage.

Enables authors to work smarter in RevMan



Methods underpinning study centric data

- Overview
- Part 1: About Cochrane Reviews
- Part 2: Core methods
- Chapter 1: Starting a review
- Chapter 2: Determining the scope of the review and the questions it will address
- 2.1 Rationale for well-formulated questions
- 2.2 Aims of reviews of interventions

incorporation of results from process evaluations conducted all decisions in policy and practice are at least partially constraine often peed to consider the economic context of interventions.

2.3 Defining the scope of a review question #section

Throughout the *Handbook* we make a distinction between thre construct might be used. This division is helpful for understand

- The review PICO (planned at the protocol stage) is the PICO be included and what excluded from the review).
- The PICO for each synthesis (also planned at the protocol synthesis aims to answer, determining how the synthesis we comparisons (including intervention and comparator group subgroups).
- The PICO of the included studies (determined at the revie included studies.



Download the InSynQ checklist & guide

InSynQ (Intervention Synthesis Questions) checklist and guide for developing and reporting the questions addressed in systematic reviews of interventions

About the Cochrane InSynQ checklist

The InSynQ checklist and guide was developed to help review authors plan and report their synthesis questions in systematic reviews of interventions.

InSynQ provides a practical tool for implementing guidance in the Cochrane Handbook of Systematic Reviews for Interventions (in particular Chapter 3 and Chapter 9). It is intended for use when developing a protocol and reporting the results of a review.

inSynQ was designed for use by:

- · Authors of systematic reviews
- Commissioners of reviews who want to ensure that the planned synthesis aligns with their requirements
- · Editors and peer reviewers
- · Methodologists working with author teams to plan their synthesis

The most recent versions of InSynQ and the 2-page reporting template are here

Download the ful inSynQ checklist and guide Download the 2 page checklist for reporting

www.insynq.info



Key benefits

Systematic approach to predefining and structuring analyses

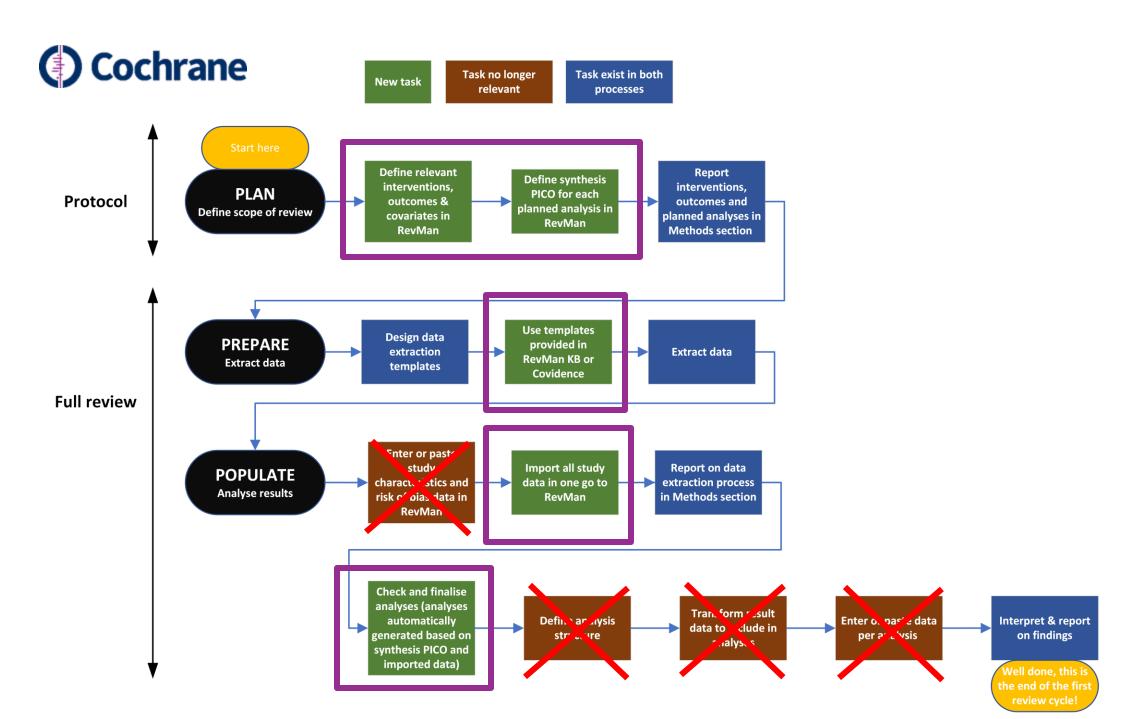
Easy transfer of large data sets into RevMan

Re-use data in different analyses

Automatic data transformation

Simplified exploration of your results

Greater impact of your published Review







From 25 April, I'm an author

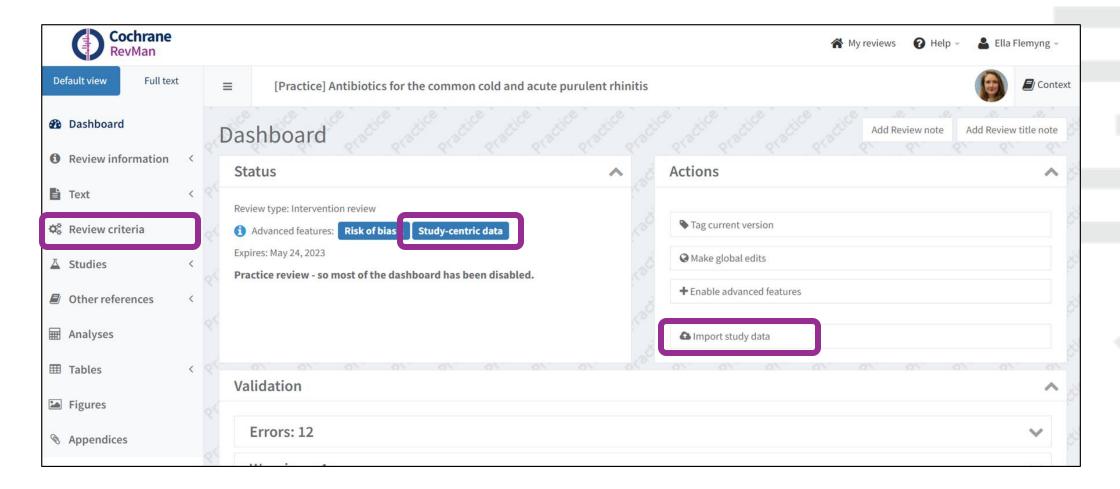
With a brand-new review: Study centric data recommended and default in RevMan (authors can still use custom analyses if they want)

And have a protocol or review in development but have not yet started data extraction: Consider switching to study centric data due to the benefits.

And have already started data extraction <u>OR</u> I'm working on an update: Switching is possible but can be complicated and requires authors to re-do work (such as revisiting original study reports, setting up review criteria in RevMan, developing data import files, re-doing analyses).

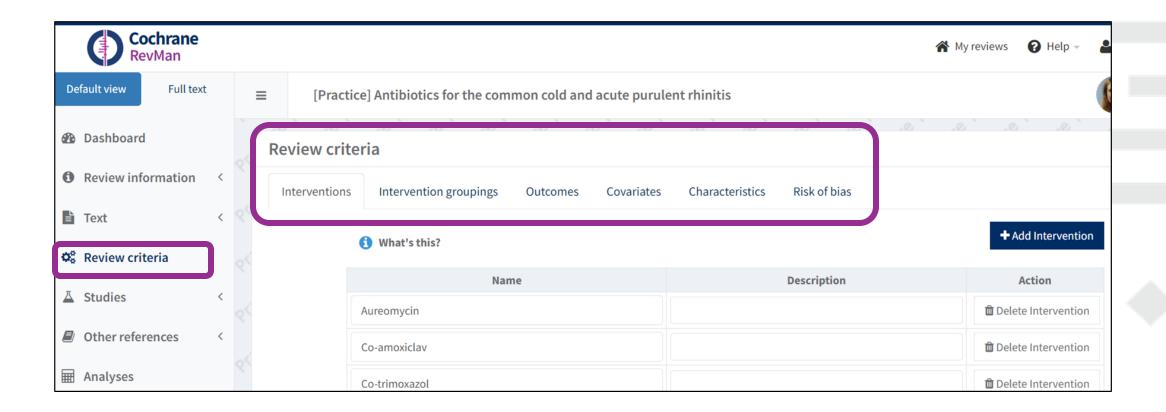


What does it look like



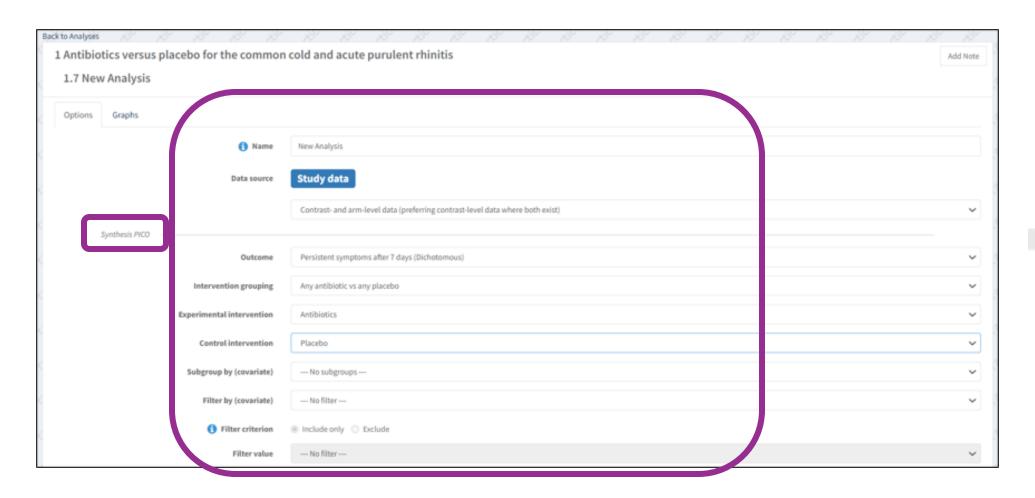


What does it look like?





What does it look like?

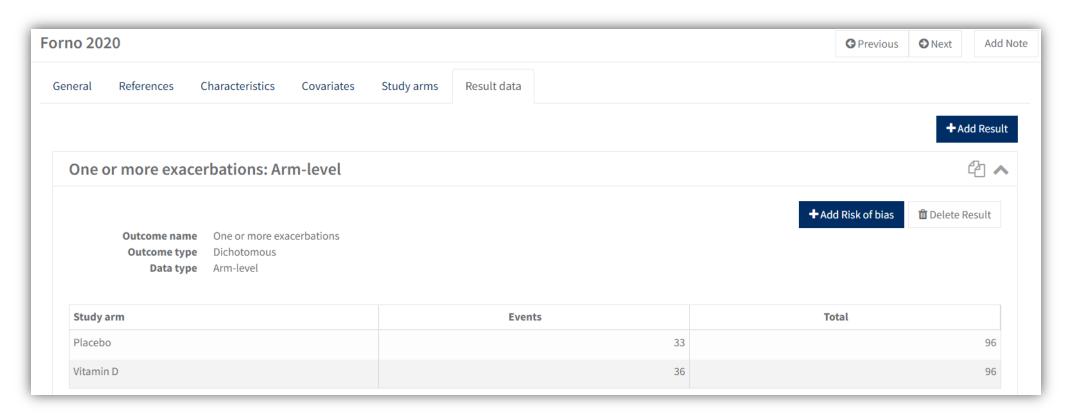




Where do you add your data?

Study centric data analysis (new default):

Study result data entered and stored in the included study (1) for each outcome (2) after adding the study arms





Where do you add your data?

Custom-input analysis (previous default):

Study result data entered and stored in the data table of each analysis





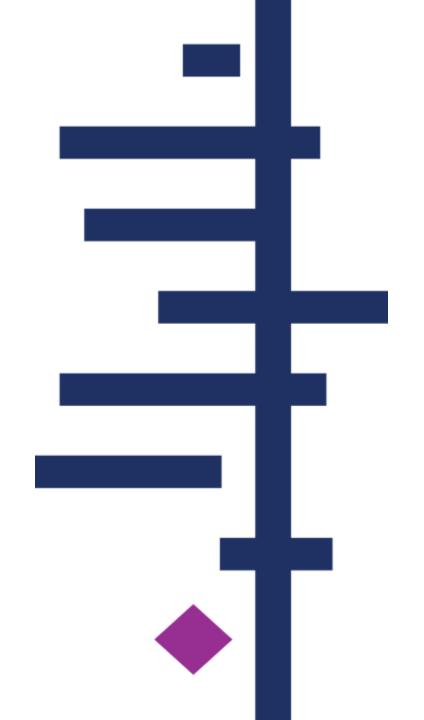
"Honestly, I think it's great!! I genuinely got a little thrill when I saw my forest plot automatically appear after importing the data!"

"I actually think that it is quite a cool thing for RevMan to be able to do, and I think that it could really appeal to authors. The whole PICO in advance thing could help authors save effort - if you're laser-focused on your planned analyses, you won't end up extracting data endlessly that you'll never use."



Cochrane review and data format changes

Trusted evidence.
Informed decisions.
Better health.





Aims of new review format project

- Streamline the development and publication of Cochrane reviews
- 2. Improve author, editor and user experience
- 3. Innovate in how we share and use our content

Innovate in how we share and use our content

Living reviews

Evidence surveillance

Enhanced CDSR content

Improved protocols

Enhanced CENTRAL

Focused article format

Improved data management

Review format project



Building the foundations in 2023

Data

Study centric data

Data extraction import

Data package export

Data re-use

Review

Fewer comparisons

Focus on main outcomes

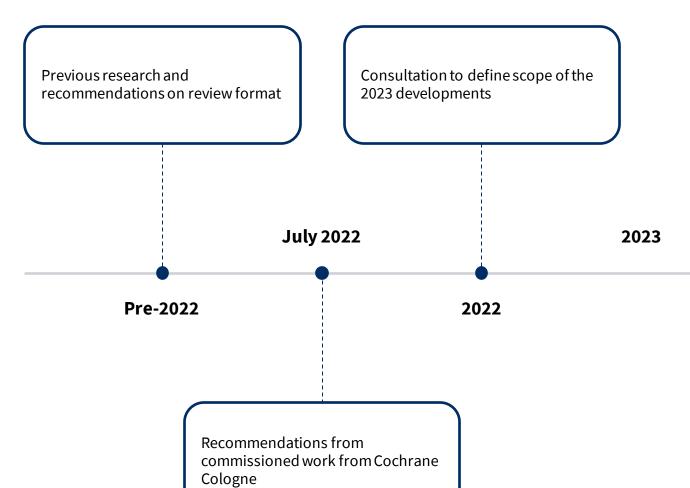
Templates

Supplementary materials

Flat reference list

Studies summary







What it means for



Authors: Cochrane is a more attractive publishing option, improved experience, decreased time producing reviews, increased research impact



Editors, peer reviewers, copyeditors: Improved experience, decreased time completing tasks



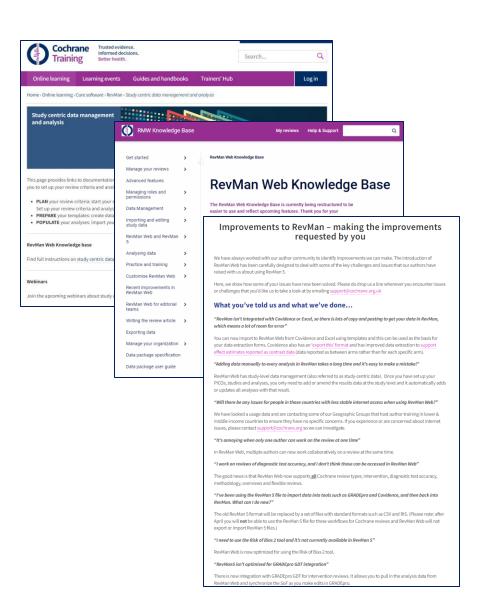
Readers, users: Improved readability and accessibility, more efficient uptake in guidelines



Resources

For study centric data changes

- Study centric data Cochrane Training portal
- 2. RevMan Knowledge Base with YouTube tutorials
- News items, FAQs and other social promotion
- 4. Contact support@cochrane.org





Training

For study centric data changes

- 1. Announcement webinar on 11/12 May
- 2. Methods & practical application on 24/25 May
- 3. Training and resources for trainers
- 4. Workshops to the Colloquium
- 5. Updates to Cochrane Interactive Learning

Study-centric data analysis and data management in RevMan Web: methodological background and practical application

Study-centric data management in RevMan Web allows review authors to efficiently run the analyses based on the predefined synthesis PICO criteria. This RevMan Web feature is fully in line with the best methodological practice of determining the scope, review questions, inclusion criteria and groupings for synthesis at the protocol stage (as explained in the Chapters 2, 3 and 9 of the Cochrane Handbook for Systematic Reviews of Interventions, ver. 6.3, 2022).



In this webinar we will start by outlining the methods underpinning study-centric data management. We will explain how the review authors should plan the details of their analyses early in the development of the protocol and how this will later inform the setting up of analyses in RewMan Web.

We will then demonstrate study-centric data analysis in RewMan Web and highlight the efficiency gains in this approach to running the analyses. We will use a practice review to show the examples and you will be provided with the same example materials for you to practice using study-centric data in RewMan at your own time.

The webinar is aimed at everyone interested in planning and conducting systematic reviews, especially if using RevMan Web software. It will also be useful for people working in various editorial roles in Cochrane.



Questions?



Thanks for taking part

- Contact us:
 - Tweet us @cochranetrain, #cochranelearninglive
 - or send an e-mail to support@cochrane.org
- Upcoming events:
 - training.cochrane.org/cochrane-learning-live
- Interested in joining Cochrane?
 - cochrane.org/join-cochrane