

Critical Appraisal (previously named Risk of Bias)

Objective

Evaluate the quality of evidence of included cohort studies or controlled trials.

We are currently in the process of transitioning our module names with the goal of making the AutoLit workflow easier to understand for first-time users.



Extraction is now **Meta-Analytical Extraction**, and **Risk of Bias** is now **Critical Appraisal**.

Bear with us as we edit our documentation (don't worry, no feature functionality has changed!) and, as always, contact us at support@nested-knowledge.com if you have any questions.

Configure Critical Appraisal

From administrative settings, select the Critical Appraisal system of choice.

Critical Appraisal

Critical Appraisal allows you to grade the quality & trustworthiness of evidence in your Nest. A Critical Appraisal system (also called a tool) is comprised of a series of questions that are answered for each included study. Select a system to enable Critical Appraisal in your Nest.

Choose a System:

No Selection

None

System: SIGN 50, Version: 2011

System: Cochrane RoB, Version: 2

System: JBI, Version: 2020

System: Newcastle-Ottawa Scale, Version: 1

System: ROBINS-I, Version: 19 September 2016

Choose Scope

Perform Critical Appraisal the study level:

Critical Appraisal

Critical Appraisal allows you to grade the quality & trustworthiness of evidence in your Nest. A Critical Appraisal system (also called a tool) is comprised of a series of questions that are answered for each included study. Select a system to enable Critical Appraisal in your Nest.

Some systems allow you to perform critical appraisal on entire studies or individual outcomes.

Choose a System:

System: Newcastle-Ottawa Scale, Version: 1

Choose a scope:

☒ Entire Study

☐ Individual Outcomes

OR

choose individual outcomes:

Critical Appraisal

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Some systems allow you to perform critical appraisal on entire studies or individual outcomes.

Choose a System:

System: Newcastle-Ottawa Scale, Version: 1

Choose a scope:

☐ Entire Study

☒ Individual Outcomes

Select Outcomes:		
Data Element	Timepoint	Appraise
ALT	Outcome	<input checked="" type="checkbox"/>
Anemia	Outcome	<input type="checkbox"/>
CRP	Outcome	<input checked="" type="checkbox"/>
Cardiac Arrest	Outcome	<input checked="" type="checkbox"/>
Cardiopulmonary Failure	Outcome	<input type="checkbox"/>

Note: outcomes have to configured as Data Elements in MA Extraction before Critical Appraisal.

Start Critical Appraisal

Navigate to Critical Appraisal Module

After selecting the system and scope, reviewers can begin performing critical appraisal. You may need to refresh. Once the page reloads, Critical Appraisal will appear in the navigation menu above Study Inspector.

Critical Appraisal

Read study and select study type

Depending on the selected Critical Appraisal system, select the study type to begin assessment. Depending on the selection, the assessment will change accordingly.

Critical Appraisal: Standard Modes: COVID-19 1 / 21

Abstract Full Text Supplements Related Reports 228 4 301 0 PMC

Med

Clinical Advances

Efficacy and Safety of Lopinavir/Ritonavir and Arbidol in Adult Patients with Mild/Moderate COVID-19: An Exploratory Randomized Controlled Trial

```

graph TD
    A[105 patients with mild/moderate COVID-19 were screened] --> B[92 eligible patients]
    A --> C[13 did not meet eligibility criteria]
    B --> D[86 patients were randomized]
    B --> E[6 did not consent]
    D --> F[34 randomized to LPV/r]
    D --> G[35 randomized to arbidol]
    D --> H[17 randomized to no antiviral therapy]
  
```

Yueping Li, Z
Lin, ..., Fuch
Deng, Lingh
llheliza@126.co
gz8hdxl@126.co
gz8hzfc@126.co

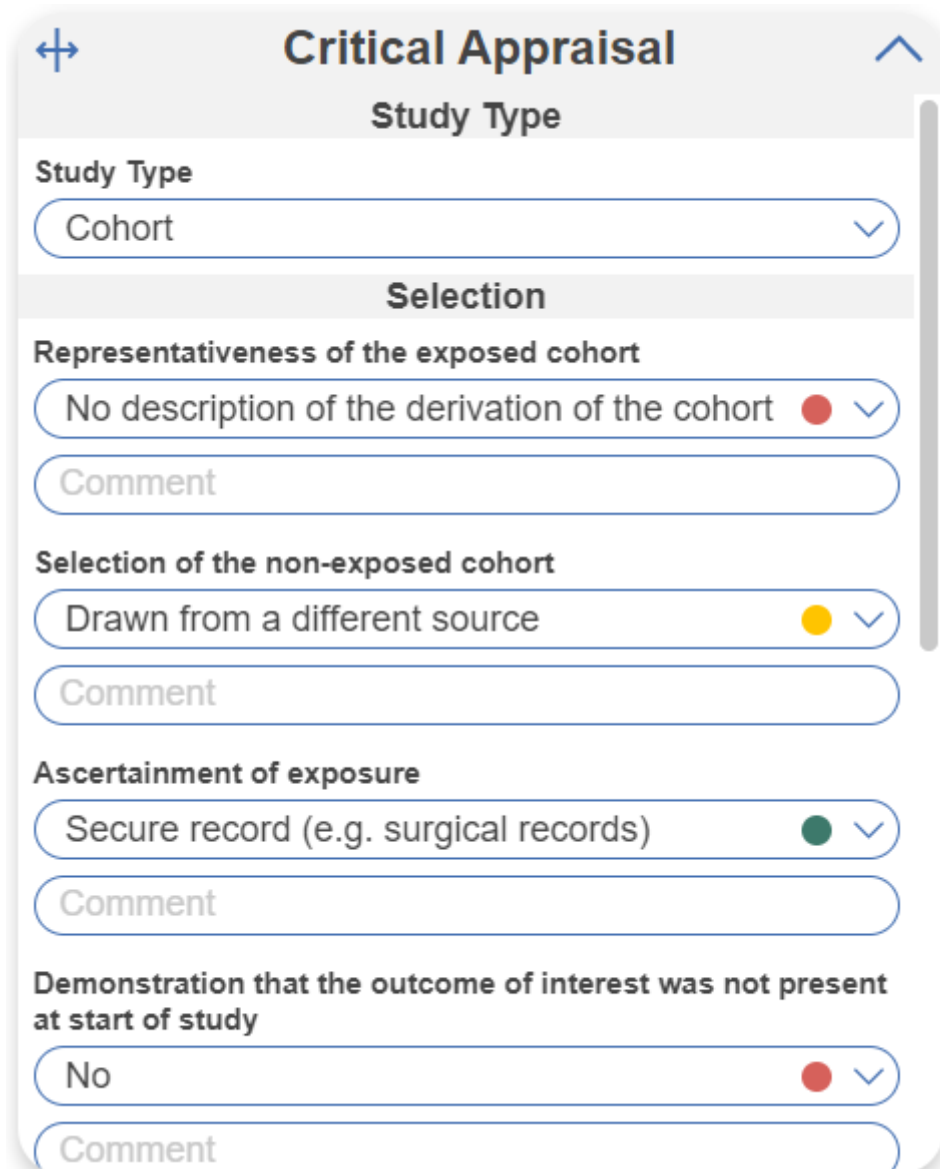
HIGHLIGHTS
Effective ther.
COVID-19 are
Lopinavir/rito
were tested in
moderate CC
Neither treatr
significant ad
supportive ca

Navigation
Back Skip Complete

Critical Appraisal
Study Type
Cohort
Cohort
Case Control
Comment
Selection of the non-exposed cohort
No Selection
Comment
Ascertainment of exposure
No Selection
Comment
Demonstration that the outcome of interest was not present at start of study
No Selection
Comment
Comments (0)
History

Assess study bias

Fill out the questions as you read through the uploaded study.



Critical Appraisal

Study Type

Study Type: Cohort

Selection

Representativeness of the exposed cohort

No description of the derivation of the cohort (Red dot)

Comment

Selection of the non-exposed cohort

Drawn from a different source (Yellow dot)

Comment

Ascertainment of exposure

Secure record (e.g. surgical records) (Green dot)

Comment

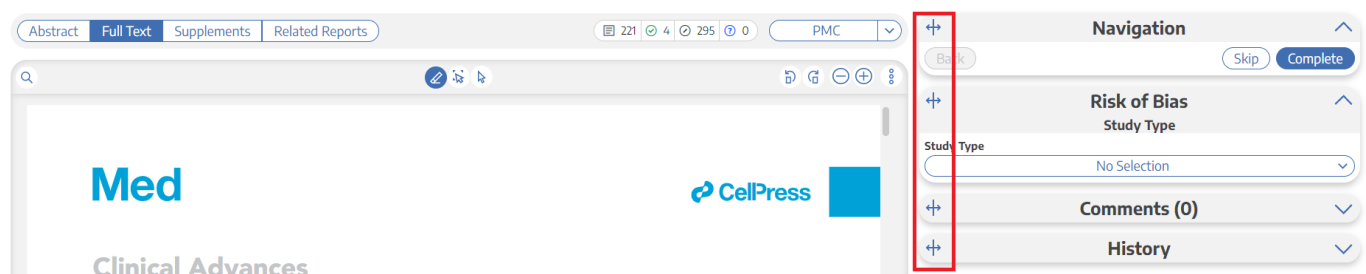
Demonstration that the outcome of interest was not present at start of study

No (Red dot)

Comment

You can monitor your progress, skip studies (and return to them later), and leave comments!

Note: Anytime there is a module box with the adjustable icon, you can drag to adjust the width of the box depending on your preference.



Critical Appraisal Visuals

By completing Critical Appraisal, you automatically generate [Critical Appraisal visuals](#): Domain Distribution and Stoplight diagrams on Synthesis.

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