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.
>
> **Tagging** is now **Extraction**, **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

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
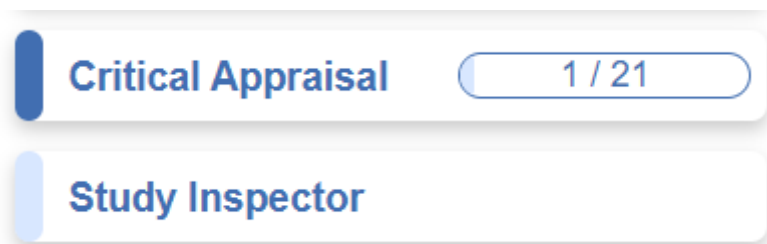
Choose a scope:

○ **Entire Study**

● **Individual Outcomes**

Select Outcomes:

Data Element	Timepoint	Appraise
ALT	Outcome	☑
Anemia	Outcome	☐
CRP	Outcome	☑
Cardiac Arrest	Outcome	☑
Cardiopulmonary Failure	Outcome	☐

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   1 / 21

Study Inspector

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 ⑦ 0   PMC

Med

Clinical Advances

Efficacy and Safety of Lopinavir/Ritona Arbidol in Adult Patients with Mild/Mo COVID-19: An Exploratory Randomize Controlled Trial

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HIGHLIGHTS
Effective ther
COVID-19 are

Lopinavir/rito
were tested ir
moderate CC

Neither treatr
significant ad
supportive ca

Navigation

Back   Skip   Complete

Critical Appraisal

Study Type

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.

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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