

# Execute Literature Search

When the research question has been finalized, it's time to check the literature.

## 1. Select Nest

From the list on AutoLit, select your Nest.

WELCOME TO

**AutoLit**

Create or select a nest to search, screen, tag, and extract data from studies for a specific review.

Create a New Nest

Demo Nests

Improve AutoLit

Found a bug or have an idea for a new feature?

Make a Feature Request

Support

About Docs Support

AutoLit

Nicole

Search

My Nests

	Name ↕	Owner ↕	Records ↕	Accessed (Me) ↓	Accessed (Any) ↕
<input type="checkbox"/>	Femoral Neck Fractures	Kevin Kallmes	1678	Oct 12, 2022	Nov 18, 2022
<input type="checkbox"/>	Anterior vs. Posterior - Mechanical Thrombectomy	Kevin Kallmes	787	Oct 10, 2022	Nov 16, 2022
<input checked="" type="checkbox"/>	Acute Ischemic Stroke - RCTs	Kevin Kallmes	395	Oct 10, 2022	Nov 19, 2022
<input type="checkbox"/>	IIH CDE	Hassan Kobeissi	136	Oct 10, 2022	Nov 11, 2022
<input type="checkbox"/>	Thrombectomy alone vs. Thrombectomy plus thrombolysis	Kevin Kallmes	274	Oct 6, 2022	Nov 19, 2022
<input type="checkbox"/>	Nested Knowledge Publications	Kathryn Cowie	42	Oct 4, 2022	Nov 16, 2022
<input type="checkbox"/>	Tranexamic acid (TXA) in spine surgery	Erin Sheffels	509	Sep 27, 2022	Sep 27, 2022
<input type="checkbox"/>	COVID-19 Sterioids	Kevin Kallmes	441	Sep 27, 2022	Sep 27, 2022
<input type="checkbox"/>	cSDH Radiological Outcomes of ongoing trials	Kevin Kallmes	188	Sep 27, 2022	Nov 15, 2022
<input type="checkbox"/>	COVID-19 ARDS	Kevin Kallmes	1687	Sep 26, 2022	Sep 26, 2022
<input type="checkbox"/>	Convalescent Plasma	Kevin Kallmes	1823	Sep 26, 2022	Sep 29, 2022
<input type="checkbox"/>	Lopinavir ritonavir COVID-19	Kevin Kallmes	1604	Sep 26, 2022	Sep 29, 2022
<input type="checkbox"/>	Remdesivir COVID-19	Kevin Kallmes	3042	Sep 26, 2022	Sep 29, 2022
<input type="checkbox"/>	COVID-19 RCTs of Antivirals	Kevin Kallmes	2614	Sep 26, 2022	Nov 18, 2022
<input type="checkbox"/>	Tabular Outcomes Reporting	Karl Holub	100	Sep 26, 2022	Nov 11, 2022

## 2. Navigate to Literature Search

The Nest menu is the left-side column of buttons. Click on “Literature Search”.

Nest Home

Dashboard

Settings

Literature Search

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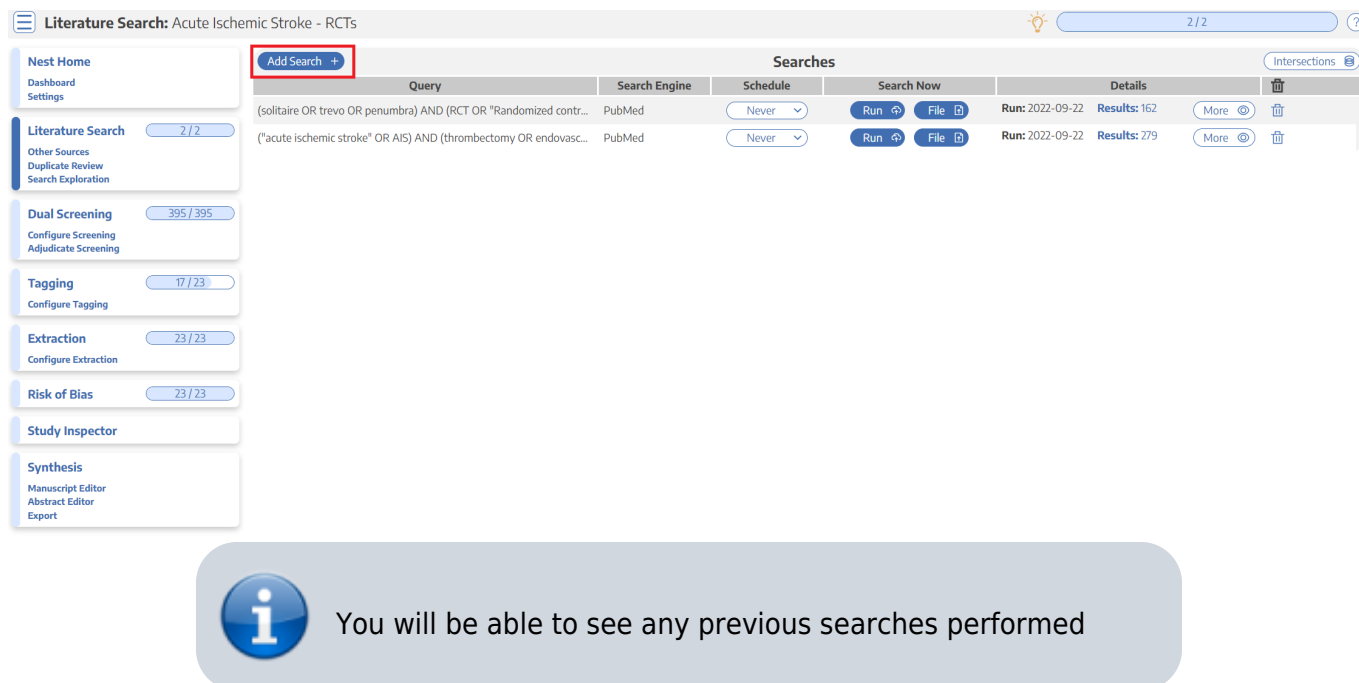
Other Sources

Duplicate Review

Search Exploration

### 3. Add Search

Click on the “Add Search” button.



The screenshot shows the 'Literature Search: Acute Ischemic Stroke - RCTs' interface. On the left is a sidebar with navigation options: Nest Home, Dashboard, Settings, Literature Search (2/2), Other Sources, Duplicate Review, Search Exploration, Dual Screening (395/395), Tagging (17/23), Extraction (23/23), Risk of Bias (23/23), Study Inspector, and Synthesis. The main area displays a table of searches. The 'Add Search' button is highlighted with a red box. Below the table is an information box stating: 'You will be able to see any previous searches performed'.

Query	Search Engine	Schedule	Search Now	Details	Intersections
(solitaire OR trevo OR penumbra) AND (RCT OR "Randomized contr...	PubMed	Never	Run File	Run: 2022-09-22 Results: 162	More
("acute ischemic stroke" OR AIS) AND (thrombectomy OR endovasc...	PubMed	Never	Run File	Run: 2022-09-22 Results: 279	More

### 4. Select Search Engine

From the drop-down, select the Search Engine or database you would like to set up automatic API-based search on. Nested Knowledge supports PubMed, EuropePMC, and ClinicalTrials.gov.

For any other search engine or database, you will need to import using [File Import](#) rather than running directly via API.

Each of these search engines use Boolean queries, so you can use AND, OR, NOT, and parentheses to connect different terms. For specific guidance on constructing queries, use the search-engine-specific links here:

- [PubMed](#)
- [EuropePMC](#)
- [ClinicalTrials.gov](#)
- [Directory of Open Access Journals \(DOAJ\)](#)

### 5. Type in your Search Terms

Type your search terms into the “Query” box, type the same as you would in a search engine. **Use parentheses and terms such as AND, OR, NOT, in between your phrases. Click [HERE](#) for tips on how to create a great literature search.**

## 5. Select Search Engine & Schedule

Below the “Query” box, there is a drop-down list of search engines you can choose from. A second drop-down list is below, where you can choose to run the search only once or have it repeatedly run over time (ex: monthly, etc).

The screenshot shows the 'Create New Search' dialog box in the Literature Search interface. The dialog has a title bar with 'Automatic' and 'File Import' tabs. Below the title bar is a 'Query\*' field containing the text: "(solitaire OR ~~trigo~~ OR penumbra) AND (RCT OR "Randomized controlled trial")". Below the query field is a 'Search Engine\*' dropdown menu with 'PubMed' selected. Below the search engine dropdown is a 'Note' field with the placeholder text 'Enter your note'. Below the note field is a 'Schedule\*' dropdown menu with 'Monthly' selected. At the bottom of the dialog are 'Cancel' and 'Add' buttons. A status message at the bottom right says 'This search will import 168 results.' The background shows the 'Literature Search: Acute Ischemic Stroke - RCTs' dashboard with various search and analysis tools.

## 6. Run Your Search

Once you've completed entering all terms, chosen the search engine and schedule of running the search. Click “Add” in the bottom right corner of the window.

## 7. New Studies will be Added to Screening

Once you add the new search, it will run and be listed at the top of your searches. The added studies will be ready to be screened in the Nest menu.

**Literature Search: Acute Ischemic Stroke - RCTs**

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**Searches**

Query	Search Engine	Schedule	Search Now	Details	Intersections
(solitaire OR trevo OR penumbra) AND (RCT OR "Randomized contr...	PubMed	Never	Run File	Run: 2022-09-22 Results: 162	More
("acute ischemic stroke" OR AIS) AND (thrombectomy OR endovasc...	PubMed	Never	Run File	Run: 2022-09-22 Results: 279	More

To view a list of the studies generated by each individual search, under “Details” menu, click “Results: ####”. You will be taken to Study Inspector with the list of generated records for that particular search.

**Literature Search: Acute Ischemic Stroke - RCTs**

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**Searches**

Query	Search Engine	Schedule	Search Now	Details	Intersections
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("acute ischemic stroke" OR AIS) AND (thrombectomy OR endovasc...	PubMed	Never	Run File	Run: 2022-09-22 Results: 279	More

## Next Steps

When you have confirmed that your final search(es) represent all records you would like to review in your nest, proceed to [Screening](#).

## Useful Information

### • Viewing Search History

- To see the full term that was searched on the search engine and the dates on which it was searched, as well as the number of studies retrieved, you can hover over a study and click “Full History”.

Literature Search: COVID-19 RCTs for Antivirals - Lauren

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Below are all searches in the nest. Searches may be executed via API (depending on search engine) or RIS file upload.

 Add Search

Searches					
Term	Search Engine	Schedule	Search Now	History and Details	Delete
covid-19 and antivirals and randomized controlled trials NOT ...	pubmed	Month	Run  File 	 	
covid-19 and antivirals and randomized controlled trials NOT ...	pubmed	Month	Last Run: 2021-04-15	Method: api Results: 224	
COVID-19 AND RCTs AND antivirals AND cohort study	pubmed	Month	Last Run: 2021-04-14	Method: api Results: 15	
COVID-19 AND RCTs AND antivirals NOT systematic review ...	pubmed	Month	Last Run: 2021-04-14	Method: api Results: 16	
COVID-19 AND RCTs AND antivirals	pubmed	Month	Last Run: 2021-04-14	Method: api Results: 49	

### • Deletion Warning

- If you delete a search, you will delete all studies found through that search term, all screening, tagging, extraction data, and any live/updatable export from those studies. Do not delete a search unless you want to remove all results related to it.

### • No Editing

- To ensure a consistent search record, you cannot edit a search term once executed. You can delete it (see above warning) and replace it, but you cannot edit a search once it is added.

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