

Bibliomine

When you are performing your literature review, it is often useful to be able to quickly grab references from other papers on your subject of interest. Bibliomining, or citation mining, refers to the act of identifying relevant studies by reviewing and importing the citation list of a study with high relevance to your research question.

1. Navigate to Other Sources

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Research Question:

Create clinical guidelines for treatment of Acute Ischemic Stroke based on current literature.

Background:

Based on a previous meta-analysis in 2014, the sooner intravenous alteplase is administered, the higher the functional outcome was noted for the patients. IVT has been recognized as a mainstay treatment for known time of symptom onset and eligible patients.
(https://www.uptodate.com/contents/approach-to-reperfusion-therapy-for-acute-ischemic-stroke?topicRef=16134&source=see_link)
The bridging therapy which is IVT followed by Mechanical Thrombectomy is recommended for patients who qualify for both therapies. This approach may lead to better functional outcomes.
(https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5863300/#_ffn_sectitle)
As the first line of treatment, IVT should be considered for patients who are also eligible for MT. Bleeding complications are a risk for the AIS patients who undergo IVT and should be watched for.
(<https://www.ahajournals.org/doi/10.1161/STR.0000000000000211>)
A relevant, published meta-analysis making a similar comparison can be found here:
<https://www.ahajournals.org/doi/10.1161/STR.0000000000000211>.

Search Strategy:

Our search strategy was not based on any previous papers. We used a search strategy to find papers that had some combination of "solitaire", "trevo", "penumbra" and "RCT", "Randomized controlled trial". We ran a second search that included key words as "acute ischemic stroke", "AIS", "thrombectomy", "endovascular" and "RCT", "randomized controlled trial". We only included RCTs and ran our search through PubMed.

2. Switch to the biblio-mine tab

Add Individual References

Bibliomine

Title	Author	Source	Date Added	Added By	
Effectiveness and cost of olanza...	Robert Ro...	JAMA	1/21/2022	Kathryn Cowie	X

Nested Knowledge - <https://wiki.nested-knowledge.com/>

3. Upload file

Upload a PDF of the study containing the reference you want to bibliomine. Generally, you should bibliomine from existing Systematic Reviews and Meta-Analyses on your topic of interest. It may take a few minutes to run.

Bibliomine

Upload an article

Its bibliography will be automatically mined and complete bibliographic data will be retrieved from PubMed and CrossRef. You may then select and promote the mined references for import into your nest.





Bibliomine

At this point, **your records will still require review before being added to your nest!**

4. View Bibliomined References

When finished, your references will still Require Review! In this step, you should examine the bibliographic data (Title, author information, PMID/DOI if present); since this process involves pulling text from PDFs, there is a chance that the bibliographic data are incorrect.

<div>Add Individual References Bibliomine</div>					
File	Date Bibliomined	User	Status	View	Delete
study_1940652.pdf	Jul 3, 2022	Nicole Hardy	In Screening		
study_1941100.pdf	Jul 3, 2022	Nicole Hardy	Requires Review		

Select the eye icon to view the references pulled from the uploaded study.



You can review the PDF of a previously bibliomed manuscript by clicking on the link in the file column of the bibliomine tab. A PDF of the bibliomed review will download automatically. This is helpful if you want to see the full text of a document someone else bibliomed!

5. Review Reference Information

Clicking the eye icon will open a page displaying title, abstract, PMID/DOI/link, and the option to delete records:

Bibliomed Studies			
Title	Author	Link	Delete
Comparative efficacy and tolerability of 15 antipsychotic drugs in schizophrenia: a multiple-treatments meta-analysis.	Leucht, Stefan	PubMed: 23810019	<input type="button" value="X"/>
Aripiprazole versus placebo for schizophrenia.	Belgamwar, Ravindra B	PubMed: 21833956	<input type="button" value="X"/>
Checking consistency in mixed treatment comparison meta-analysis.	Dias, S	PubMed: 20213715	<input type="button" value="X"/>
A randomized, double-blind, placebo-controlled, study of the efficacy and safety of aripiprazole 10, 15 or 20 mg/day for the treatment of patients with acute exacerbations of schizophrenia.	McEvoy, Joseph P	PubMed: 17631314	<input type="button" value="X"/>
The efficacy and safety of lower doses of aripiprazole for the treatment of patients with acute exacerbation of schizophrenia.	Cutler, Andrew J	PubMed: 16946694	<input type="button" value="X"/>
Efficacy and safety of aripiprazole and haloperidol versus placebo in patients with schizophrenia and schizoaffective disorder.	Kane, John M	PubMed: 12363115	<input type="button" value="X"/>
The positive and negative syndrome scale (PANSS) for schizophrenia.	Kay, S R	PubMed: 3616518	<input type="button" value="X"/>
Comparative effects of 18 antipsychotics on metabolic function in patients with schizophrenia, predictors of metabolic dysregulation, and association with psychopathology: a systematic review and network meta-analysis.	Pillinger, Toby	PubMed: 31860457	<input type="button" value="X"/>
Automating network meta-analysis.	van Valkenhoef, Gert	PubMed: 26053422	<input type="button" value="X"/>
			<input type="button" value="Close"/>

For any reference that is incomplete or incorrectly recognized in the underlying PDF, select the “x” to delete. For example, if an incomplete title is saved or a blank row has been inserted (see example below), delete those references before sending to screening.

An adaptive randomized controlled trial of non-invasive respiratory strategies in acute respiratory failure patients with COVID-19	Perkins, GD	Google Scholar	<input type="button" value="X"/>
-epidemiological-update-on-	covid-	Google Scholar	<input type="button" value="X"/>
Mortality outcomes with hydroxychloroquine and chloroquine in COVID-19 from an international collaborative meta-analysis of randomized trials	Axfors, C	Google Scholar	<input type="button" value="X"/>
			<input type="button" value="X"/>
A randomized clinical trial of the efficacy and safety of interferon β-	Davoudi-Monfared, E	Google Scholar	<input type="button" value="X"/>

You can still add any of these references manually, but ensure that you have removed any incorrect citation information before selecting “Send to Screening.”

Bibliographic Data

For records with a PMID or DOI, the bibliographic data will be automatically imported. Otherwise, you **will likely need to edit the record's bibliographic data during the Screening process**; we provide a Google Scholar link where possible to help you find the record, but the bibliographic data in AutoLit are based on what was reported in the underlying PDF.

Send to Screening

When you have finished viewing and editing the references from a PDF, select "Send to Screening" from the main Biblio-mine page to queue all studies for [Screening](#). **This step is irreversible**, so do not press Send to Screening until you have finalized the references you would like to import!

Q. What if the uploaded Systematic Review reports the included trials in a supplementary appendix or a table only?



A. The biblio-mining tool depends on being able to recognize a consistent format for references in the uploaded article's bibliography. Materials found only in tables or supplementary resources will not be identified, and formats not supported by the biblio-mining tool may need to be manually removed before finalizing your list of studies to be queued.

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Last update: **2022/10/01 01:14**