

Bibliomine

Bibliomining, or citation mining, refers to the act of identifying relevant studies by reviewing the citation list of a study with high relevance to your research question.

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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

3. Upload file

Upload a PDF with the study to be biblio-mined. Generally, you should biblio-mine from existing

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.

Upload a .pdf

Bibliomine

Systematic Reviews and Meta-Analyses.

It may take a few minutes to run.

4. View and Edit References

View the references pulled from the uploaded study.

Bibliomined Studies			
Title	Author	Link	Delete
Comparative efficacy and tolerability of 15 antipsychotic drugs in schizophrenia: a multiple-treatments meta-analysis.	Leucht, Stefan	PubMed: 23810019	<div>X</div>
Aripiprazole versus placebo for schizophrenia.	Belgamwar, Ravindra B	PubMed: 21833956	<div>X</div>
Checking consistency in mixed treatment comparison meta-analysis.	Dias, S	PubMed: 20213715	<div>X</div>
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	<div>X</div>
The efficacy and safety of lower doses of aripiprazole for the treatment of patients with acute exacerbation of schizophrenia.	Cutler, Andrew J	PubMed: 16946694	<div>X</div>
Efficacy and safety of aripiprazole and haloperidol versus placebo in patients with schizophrenia and schizoaffective disorder.	Kane, John M	PubMed: 12363115	<div>X</div>
The positive and negative syndrome scale (PANSS) for schizophrenia.	Kay, S R	PubMed: 3616518	<div>X</div>
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	<div>X</div>
Automating network meta-analysis.	van Valkenhoef, Gert	PubMed: 26053422	<div>X</div>
<div>Close</div>			

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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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