

Claim 2

Step 1) Consider the following tweet:



Jane Doe

@jane_doe

@user____ @user_____ Papilledema.... these symptoms are spot on. Look it up. Zinc and **magnesium taken together seem to help with the swelling.**

Step 2) Basically, in the bold-faced section the tweet claims that:

magnesium treats swelling

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I've read the tweet and the claim, let's start!

20% completed

Search PubMed for Evidence

8. Search PubMed for evidence

Go to PubMed again and search for evidence for this new claim.

If you want to refresh your memory, you can read the full instructions again below. Otherwise, just **click on the button below to get started**.

Your goal is to **find an article** which will provide **supporting or refuting evidence** for the claim you just read. (Don't worry, you can re-read the tweet on the next page.)

1. The **link** takes you to **PubMed**. The search bar will have a prepared search query already in it, so you can start exploring the results right away.
2. Go over the **first 5 search results** listed on that page. Only read their **titles and abstracts**. If there are less than 5 results, go over those articles that are listed. If an article does not come with an abstract, skim the first paragraph of the introduction and judge the evidence based on that.
3. **Find an article** that **covers the claim** that you are researching. Keep an eye out for a **text passage** that you could provide as evidence.
4. **If you find such an article**, come **back to the survey**, but do not close the browser window with the PubMed search.
5. If you find **no useful information in the first 5 results** or there are **no search results** at all, come **back to the survey**.

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Got it! I'm ready to start the research.

22% completed



Jane Doe

@jane_doe

@user____ @user_____ Papilledema.... these symptoms are spot on. Look it up. Zinc and **magnesium taken together seem to help with the swelling.**

Claim: *magnesium treats swelling*

Click the link to start your PubMed search:

<https://pubmed.ncbi.nlm.nih.gov/?term=%28magnesium%29+AND+%28swelling%29>

9. I was able to find evidence (either supporting or refuting).

- ☒ Yes.
- ☐ No, based on the evidence I looked at, the claim is UNVERIFIABLE.

Let me double-check the instructions.

Next

24% completed



Jane Doe

@jane_doe

@user____ @user_____ Papilledema.... these symptoms are spot on. Look it up. Zinc and **magnesium taken together seem to help with the swelling.**

Claim: *magnesium treats swelling*

10. Enter the PubMed id(s) of the article(s) that includes supporting or refuting evidence for the claim in this tweet.

The id (PMID) is a sequence of numbers. It is located underneath the authors' names.

PMID

11. Does this evidence support/refute this claim?

- ☐ The evidence SUPPORTS the claim.
- ☐ The evidence PARTIALLY SUPPORTS the claim.
- ☐ The evidence PARTIALLY REFUTES the claim.
- ☐ The evidence REFUTES the claim.

12. In case you found multiple pieces of evidence: how do the documents relate to each other?

- ☐ All evidence documents are necessary to support or refute the claim.
- ☐ The first evidence document allows checking the claim, but I came across more relevant documents during my research.
- ☐ Does not apply, I only added one document.

13. Copy and paste the sentence(s) from the article's abstract that made you come to this decision.

14. Any comments or notes that you want to share with us about this particular claim or your search for evidence?

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On to the next tweet!

27% completed

Refine Your PubMed Search

10. Can You Refine Your PubMed Search?

The link on the following page will **take you to PubMed again**. This time, please **refine the search** so that you might find evidence that helps fact-checking the claim.

If you have not done this for the previous tweet, or you want to refresh your memory, please read the instructions carefully. Otherwise, keep going, you know what to do!

11. Can You Refine Your PubMed Search?

The link on the following page will **take you to PubMed again**. This time, we want you to **refine the search** so that you might find evidence that helps fact-checking the claim. If you've done this for the previous tweet, you know what to do. Otherwise please read the instructions carefully.

As before, your goal is to find an article which will provide supporting or refuting evidence for the claim in the tweet above.

1. The link takes you to PubMed again. As before, the **search bar will have a prepared search query already in it**.
2. **Refine** either the **query itself** or **use PubMed's filtering options** to search for relevant results. You can also take a look at the **"Similar Articles"** section that PubMed provides.
3. Only read the **titles and abstracts**.
4. Find an article that **covers the claim** that you are researching. Keep an eye out for a **text passage** that you could provide as evidence.
5. If you find such an article, come back to the survey, but **do not close the browser window with your PubMed search**.
6. If after **3 minutes**, you **haven't found any useful information** even when refining the query, **come back to the survey**.

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Got it! I'm ready to start the research.

27% completed



Jane Doe

@jane_doe

@user____ @user_____ Papilledema.... these symptoms are spot on. Look it up. **Zinc and magnesium taken together seem to help with the swelling.**

Claim: *Zinc treats swelling*

Click the link to start your PubMed search:

<https://pubmed.ncbi.nlm.nih.gov/?term=%28Zinc%29+AND+%28swelling%29>

19. After refining the query, I was able to find evidence (either supporting or refuting).

- ☐ Yes.
- ☐ No, based on the evidence I looked at, the claim is UNVERIFIABLE.

20. We want to understand why this claim is not checkable. [In case you did find evidence, chose the option on the right.]

If you had time to continue the research (maybe also to search outside PubMed), adapt the query etc., how confident are you that relevant evidence exists?



Very. I'm sure relevant evidence exists.



Pretty sure that suitable evidence is out there somewhere.



Hard to say, I really don't know.



Mostly sure that no suitable evidence exists.



Very sure that there is no evidence out there which I could use to check the claim.



Does not apply, because I found evidence.

21. Any comments or notes that you want to share with us about this particular claim or your search for evidence?

Let me double-check the instructions.

Next

