

ChatGPT 3.5 svarar på frågor om att skapa en söksträng för ketamin vid kronisk smärta

Chatten genomförd vecka 18 2023

User:

could you create a search strategy for searching ketamine treatment for chronic pain in pubmed

ChatGPT:

Yes, I can help you create a search strategy for searching "ketamine treatment for chronic pain" in PubMed. Here's a suggested strategy:

1. Identify the main keywords: "ketamine", "chronic pain".
2. Use Boolean operators to combine the keywords: "ketamine" AND "chronic pain".
3. Use quotation marks to search for exact phrases: "ketamine treatment for chronic pain".
4. Add additional keywords or synonyms that may be relevant to your search, such as "analgesic" or "neuropathic pain".
5. Use MeSH terms if available to improve your search results.

Here's an example search string:

```
("ketamine" [Mesh] OR "ketamine") AND ("chronic pain" [Mesh] OR "chronic pain") AND ("analgesics" [Mesh] OR "neuropathic pain" [Mesh] OR "treatment" [Subheading] OR "therapy" [Subheading])
```

This search string includes MeSH terms for "ketamine" and "chronic pain", as well as additional keywords and synonyms for "analgesics", "neuropathic pain", "treatment", and "therapy".

User:

that search string is incorrect. neuropathic pain is not a mesh term.

ChatGPT:

I apologize for the mistake in my previous response. You are correct that "neuropathic pain" is not a MeSH term. Here's an updated search string that should be more accurate:

```
("ketamine" [Mesh] OR "ketamine") AND ("chronic pain" [Mesh] OR "chronic pain") AND ("analgesics" [Mesh] OR "treatment" [Subheading] OR "therapy" [Subheading] OR "neuropathic pain" [tiab])
```

In this search string, I have included "neuropathic pain" as a keyword, and used the [tiab] (title/abstract) search tag to search for it as a text phrase in the title or abstract of articles.

Please let me know if you have any further questions or if you need any additional assistance.

User:

treatment is not a correct subheading

Kommenterad [SR/oi/1]: "Neuropathic Pain" finns inte som MeSH-term. Den är dock entry term för Neuralgia.

Kommenterad [SR/oi/2]: "Treatment" är inte en subheading. "Therapeutics" finns som MeSH-term och "therapy" finns som subheading.

ChatGPT:

I apologize for the mistake in my previous response. You are correct that "treatment" is not a correct subheading in PubMed.

Here's an updated search string that should be more accurate:

```
("ketamine" [Mesh] OR "ketamine") AND ("chronic pain" [Mesh] OR "chronic pain") AND
("analgesics" [Mesh] OR "therapeutics" [Subheading] OR "therapy" [Subheading] OR "neuropathic
pain" [tiab])
```

In this search string, I have used "therapeutics" as a subheading for searching "analgesics" and "therapy".

Please let me know if you have any further questions or if you need any additional assistance.

User:

therapeutics is not a correct subheading

ChatGPT:

I apologize for the mistake in my previous response. You are correct that "therapeutics" is not a subheading in PubMed.

Here's an updated search string that should be more accurate:

```
("ketamine" [Mesh] OR "ketamine") AND ("chronic pain" [Mesh] OR "chronic pain") AND
("analgesics" [Mesh] OR "therapy" [Subheading] OR "neuropathic pain" [tiab])
```

In this search string, I have used "therapy" as a subheading for searching "analgesics".

Please let me know if you have any further questions or if you need any additional assistance.

User:

why did you add the term analgesics

ChatGPT:

I added the term "analgesics" to the search strategy because ketamine is commonly used as an analgesic, particularly for the treatment of chronic pain. By including "analgesics" as a MeSH term, the search is more likely to retrieve articles that specifically focus on ketamine as an analgesic for chronic pain.

However, if you would like to exclude articles that focus on other types of analgesics, you could remove the "analgesics" term from the search strategy. The updated search string without "analgesics" would be:

```
("ketamine" [Mesh] OR "ketamine") AND ("chronic pain" [Mesh] OR "chronic pain") AND ("therapy"
[Subheading] OR "neuropathic pain" [tiab])
```

Kommenterad [SR/oi/3]: "Therapy" och "neuropathic pain" är knappast att betrakta som synonymer ändå har ChatGPT valt att söka dessa två i ett block.

I hope this helps clarify my reasoning for including "analgesics" in the initial search strategy. Please let me know if you have any further questions or if you need any additional assistance.