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SCQM-Al Assistant - Quick Start Guide

1. Introduction

The SCQM AI Assistant on the SCQM website uses Retrieval-Augmented Generation (RAG), an AI approach that retrieves relevant documents and generates natural-language answers. It draws exclusively on SCQM sources (publications and approved documents) – not on the open internet or other databases.

2. Quick start (three steps)

1. Visit the SCQM website (<u>www.scqm.ch</u>), where you will find the Al Assistant (in the menu bar).



- 2. Choose between **SCQM Publications** (research) or **About SCQM** (general information about the organisation/participation).
- 3. Enter your question in the chat field and click on the "send" button.
- 4. To search for a specific document or set of documents in research mode, click the **"Filter"** button, set your filters, and then click **"Filter"** again to start the search.

3. Language

Click on the language selection at the top of the SCQM website to select the language. The Al assistant will respond in the language of the website.



4. Functions

4.1. Mode: SCQM publications / About SCQM

Before asking your question, select the appropriate mode, **SCQM Publications** (research) or **About SCQM** (general information about the organisation/participation), so that the Al assistant searches the appropriate document collection.



4.1.1. Sample questions

Below are two sample questions. To copy an answer, highlight the text, right click and select 'Copy'.

SCQM Publications (Research) Question: What does research with SCQM data say about the effect of smoking on patients with rheumatic diseases?

SCQM Publications About SCQM For general information about the SCQM Foundation, including information about services for patients, healthcare professionals, healthcare institutions, researchers and partners, please select the option 'About SCQM'. For summaries or information on research projects conducted with SCQM data, please select the option 'SCQM Publications' You can use the 'Search' button to filter or search the SCQM publications using specific keywords. What does research with SCQM data say about the effect of smoking on patients with rheumatic diseases? Research using SCQM data has explored the impact of smoking on patients with rheumatic diseases, particularly focusing on rheumatoid arthritis (RA) and axial spondyloarthritis (axSpA): 1. Rheumatoid Arthritis (RA): · The study titled "Cigarette smoking and radiographic progression in rheumatoid arthritis" by Finckh A., Dehler S., Costenbader K. H., and Gabay C. (2007) found that radiographic joint damage progressed at an equivalent rate in smokers and non-smokers. Interestingly, a significant trend was observed for reduced radiographic progression among heavy smokers, suggesting that cigarette smoke does not accelerate RA disease Chat with the SCQM foundation Filter New chat

About SCQM (organisation/participation) Question: How can I participate in SCQM as a patient?

SCQM Publications About SCQM

For general information about the SCQM Foundation, including information about services for patients, healthcare professionals, healthcare institutions, researchers and partners, please select the option 'About SCQM'. For summaries or information on research projects conducted with SCQM data, please select the option 'SCQM Publications'



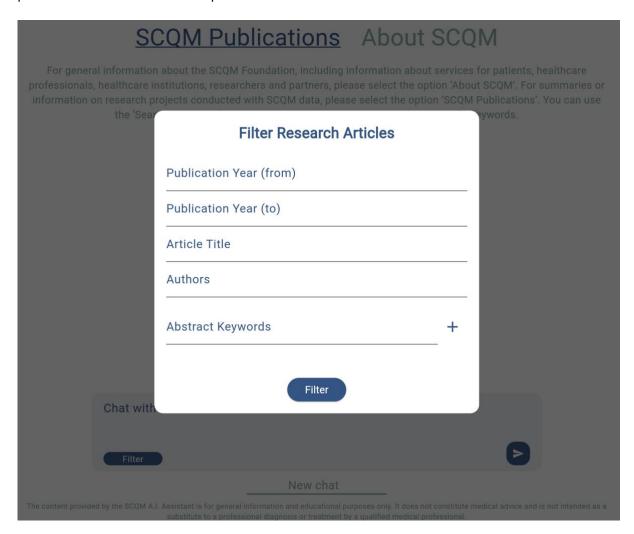


4.2. Chat input & real-time replies

Enter your questions in natural language. The answers will be displayed immediately as soon as they are generated. While the results are loading, status messages such as "Searching for relevant documents..." will be displayed.

4.3. Filter (SCQM publications)

Clicking on 'Filter' opens the **"Filter research articles"** dialogue box and searches the available publications based on the field inputs.



Fields in the filter field

- **Publication year (from)** earliest year (numbers only). Empty/invalid→ No lower limit. Use 4-digit years (e.g. 2015).
- **Publication year (to)** latest year (numbers only). Blank/invalid→, no upper limit. Use a year ≥ "from" to narrow down the results.
- Article title Free text to match title words. Leave blank to ignore.
- Authors Free text to match author names or fragments. Leave blank to ignore.
- Abstract keywords



• Same line = AND search

Enter multiple keywords on the same line to find manuscripts that contain **all** of these terms.

Example: If you enter RA axSpA, only manuscripts containing **both** RA **and** axSpA will be displayed.

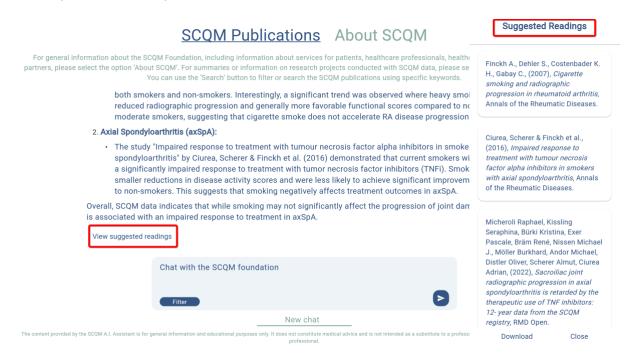
• Separate lines (with +) = OR search

Add each keyword separately using the "+" button to find manuscripts that contain **any** of these terms.

Example: If you add RA using the "+" button and then add axSpA using the "+" button, manuscripts containing either RA or axSpA will be displayed.

4.4. Suggested Readings

Click on "View suggested readings" at the end of an answer to review publications that informed the AI Assistant's response (these are not formal references, but relevant background materials). Clicking on the publications will open the article online.



4.5. New chat / Delete history

"New chat" deletes the conversation. The chat is also automatically deleted when you close/exit it.



5. Privacy and disclaimer

Each session uses a temporary session ID. The Al assistant only provides informative summaries and **does not offer** medical advice – see also the "Disclaimer" at the end of the chat.

6. One-line instructions for best results

Be specific: Specify the condition, treatment, time period or keywords (e.g. "smoking AND disease activity, 2015–2022"). Use **SCQM publications** for research and **"About SCQM"** for general questions about the organisation/participation.