# Evidence Search Service Results of your search request

## The impact of hydroxychloroquine use and impact on atrial fibrillation (AF)

**ID of request:** 23154  
**Date of request:** 11th May, 2020  
**Date of completion:** 26th May, 2020

If you would like to request any articles or any further help, please contact:  Tom Roper at [tom.roper@nhs.net](mailto:tom.roper@nhs.net)

Please acknowledge this work in any resulting paper or presentation as: Evidence search: The impact of hydroxychloroquine use and impact on atrial fibrillation (AF). Tom Roper. (26th May, 2020). BRIGHTON, UK: Brighton and Sussex Library and Knowledge Service.

**Sources searched**  
Cochrane Central Register of Controlled Trials (1)  
EMBASE (84)  
MEDLINE (49)  
NICE Evidence Search (0)  
TRIP Database (0)  
UpToDate (0)

**Date range used** (5 years, 10 years): 2000 onwards   
**Limits used** (gender, article/study type, etc.): English language   
**Search terms and notes** (full search strategy for database searches below):

Relevant natural language and controlled vocabulary terms were selected and combined. Thesaurus terms were adapted for different databases. Final result sets were de-duplicated and reviewed for relevance by the searcher, irrelevant results being discarded.

In view of the small number of results retrieved by combining atrial fibrillation and hydroxychloroquine (MEDLINE=5, EMBASE=25), the search strategy was expanded to include all forms of cardiac arrhythmia.

For more information about the resources please go to: <https://www.bsuh.nhs.uk/library/>.

first use of the term in the document. By pressing 'next' you will jump to further references.

## B. Search History

|  | **Source** | **Criteria** | **Results** |
| --- | --- | --- | --- |
| 1. | Medline | \*"ATRIAL FIBRILLATION"/ | 44394 |
| 2. | Medline | ("atrial fibrillation").ti,ab | 68231 |
| 3. | Medline | (1 OR 2) | 74712 |
| 4. | Medline | \*HYDROXYCHLOROQUINE/ | 1724 |
| 5. | Medline | (ercoquin OR hydroxychloroquine OR hydrochloroquine OR hydrocloroquine OR oxychlorochin OR oxychloroquine OR plaquenil).ti,ab | 4258 |
| 6. | Medline | (4 OR 5) | 4515 |
| 7. | Medline | (3 AND 6) | 5 |
| 8. | Medline | exp \*ARRHYTHMIAS, CARDIAC/ | 159894 |
| 9. | Medline | (arrhythm\*).ti,ab | 89101 |
| 10. | Medline | (8 OR 9) | 205420 |
| 11. | Medline | (6 AND 10) | 58 |
| 12. | Medline | (7 OR 11) | 60 |
| 13. | Medline | (7 or 11) [DT FROM 2000] [Languages English] | 48 |
| 14. | EMBASE | exp \*"ATRIAL FIBRILLATION"/ | 30496 |
| 15. | EMBASE | ("atrial fibrillation").ti,ab | 122918 |
| 16. | EMBASE | (14 OR 15) | 124007 |
| 17. | EMBASE | \*HYDROXYCHLOROQUINE/ | 4196 |
| 18. | EMBASE | (ercoquin OR hydroxychloroquine OR hydrochloroquine OR hydrocloroquine OR oxychlorochin OR oxychloroquine OR plaquenil).ti,ab | 8243 |
| 19. | EMBASE | (17 OR 18) | 9803 |
| 20. | EMBASE | (16 AND 19) | 25 |
| 21. | EMBASE | exp \*"HEART ARRHYTHMIA"/ | 182689 |
| 22. | EMBASE | (arrhythm\*).ti,ab | 140318 |
| 23. | EMBASE | (21 OR 22) | 261192 |
| 24. | EMBASE | (19 AND 23) | 128 |
| 25. | EMBASE | (20 OR 24) | 141 |
| 26. | EMBASE | (20 or 24) [DT FROM 2000] [English language] | 122 |

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