

Supplementary Material

Interventions designed to improve uptake of allopurinol for gout treatment in Aotearoa New Zealand: a scoping review

Samuela Ofanoa^{A,}, Malakai Ofanoa^B, Siobhan Tu'ako^B, Hinamaha Lutui^C, Maryann Heather^B, Rawiri McKree Jansen^D, Nicola Dalbeth^E, Corina Grey^F and Felicity Goodyear-Smith^G*

^APacific Health Section, University of Auckland, Auckland, New Zealand

^BPacific Health Section, University of Auckland, Auckland, New Zealand

^CAlliance Health Plus, Mount Wellington, Auckland, New Zealand

^DTe Aka Whai Ora Māori Health Authority, Auckland, New Zealand

^EDepartment of General Practice & Primary Health Care, University of Auckland, Auckland, New Zealand

^FAuckland District Health Board, Auckland, New Zealand

^GDepartment of General Practice & Primary Health Care, University of Auckland, Auckland, New Zealand

*Correspondence to: Email: s.ofanoa@auckland.ac.nz

Supplementary Table S1. Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews (PRISMA-ScR) Checklist

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
TITLE			
Title	1	Identify the report as a scoping review.	1
ABSTRACT			
Structured summary	2	Provide a structured summary that includes (as applicable): background, objectives, eligibility criteria, sources of evidence, charting methods, results, and conclusions that relate to the review questions and objectives.	2
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known. Explain why the review questions/objectives lend themselves to a scoping review approach.	4
Objectives	4	Provide an explicit statement of the questions and objectives being addressed with reference to their key elements (e.g., population or participants, concepts, and context) or other relevant key elements used to conceptualize the review questions and/or objectives.	5
METHODS			
Protocol and registration	5	Indicate whether a review protocol exists; state if and where it can be accessed (e.g., a Web address); and if available, provide registration information, including the registration number.	No protocol
Eligibility criteria	6	Specify characteristics of the sources of evidence used as eligibility criteria (e.g., years considered, language, and publication status), and provide a rationale.	5
Information sources*	7	Describe all information sources in the search (e.g., databases with dates of coverage and contact with authors to identify additional sources), as well as the date the most recent search was executed.	5
Search	8	Present the full electronic search strategy for at least 1 database, including any limits used, such that it could be repeated.	5
Selection of sources of evidence†	9	State the process for selecting sources of evidence (i.e., screening and eligibility) included in the scoping review.	6
Data charting process‡	10	Describe the methods of charting data from the included sources of evidence (e.g., calibrated forms or forms that have been tested by the team before their use, and whether data charting was done independently or in duplicate) and any processes for obtaining and confirming data from investigators.	6
Data items	11	List and define all variables for which data were sought and any assumptions and simplifications made.	Not applicable
Critical appraisal of individual sources of evidence§	12	If done, provide a rationale for conducting a critical appraisal of included sources of evidence; describe the methods used and how this information was used in any data synthesis (if appropriate).	Not done
Synthesis of results	13	Describe the methods of handling and summarizing the data that were charted.	6

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
RESULTS			
Selection of sources of evidence	14	Give numbers of sources of evidence screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally using a flow diagram.	6
Characteristics of sources of evidence	15	For each source of evidence, present characteristics for which data were charted and provide the citations.	7
Critical appraisal within sources of evidence	16	If done, present data on critical appraisal of included sources of evidence (see item 12).	No done
Results of individual sources of evidence	17	For each included source of evidence, present the relevant data that were charted that relate to the review questions and objectives.	17, 18, 19, 20
Synthesis of results	18	Summarize and/or present the charting results as they relate to the review questions and objectives.	7
DISCUSSION			
Summary of evidence	19	Summarize the main results (including an overview of concepts, themes, and types of evidence available), link to the review questions and objectives, and consider the relevance to key groups.	9
Limitations	20	Discuss the limitations of the scoping review process.	10
Conclusions	21	Provide a general interpretation of the results with respect to the review questions and objectives, as well as potential implications and/or next steps.	10
FUNDING			
Funding	22	Describe sources of funding for the included sources of evidence, as well as sources of funding for the scoping review. Describe the role of the funders of the scoping review.	11

JB1 = Joanna Briggs Institute; PRISMA-ScR = Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews.

* Where *sources of evidence* (see second footnote) are compiled from, such as bibliographic databases, social media platforms, and Web sites.

† A more inclusive/heterogeneous term used to account for the different types of evidence or data sources (e.g., quantitative and/or qualitative research, expert opinion, and policy documents) that may be eligible in a scoping review as opposed to only studies. This is not to be confused with *information sources* (see first footnote).

‡ The frameworks by Arksey and O'Malley (6) and Levac and colleagues (7) and the JBI guidance (4, 5) refer to the process of data extraction in a scoping review as data charting.

§ The process of systematically examining research evidence to assess its validity, results, and relevance before using it to inform a decision. This term is used for items 12 and 19 instead of "risk of bias" (which is more applicable to systematic reviews of interventions) to include and acknowledge the various sources of evidence that may be used in a scoping review (e.g., quantitative and/or qualitative research, expert opinion, and policy document).

From: Tricco AC, Lillie E, Zarin W, O'Brien KK, Colquhoun H, Levac D, et al. PRISMA Extension for Scoping Reviews (PRISMA-ScR): Checklist and Explanation. *Ann Intern Med*. 2018;169:467–473. doi: [10.7326/M18-0850](https://doi.org/10.7326/M18-0850).

Supplementary Table S2. Electronic Search Strategy

Scopus

Search within
Article title, Abstract, Keywords

Search documents *
New Zealand

+ Add search field

Add date range

Advanced document search >

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Search History

Saved Searches

9

(TITLE-ABS-KEY (gout))AND (TITLE-ABS-KEY ("uric acid" OR "urate"))AND ((TITLE-ABS-KEY ("allopurinol"))AND (TITLE-ABS-KEY (

18 results

Set Alert

More

8

TITLE-ABS-KEY (new AND zealand)

188,781 results

Set Alert

More

6

(TITLE-ABS-KEY ("allopurinol"))AND (TITLE-ABS-KEY ("intervention" OR "management" OR "self-management"))

3,364 results

Set Alert

More

4

TITLE-ABS-KEY ("intervention" OR "management" OR "self-management")

6,043,800 results

Set Alert

More

3

TITLE-ABS-KEY ("allopurinol")

25,248 results

Set Alert

More

2

TITLE-ABS-KEY ("uric acid" OR "urate")

74,294 results

Set Alert

More

1

TITLE-ABS-KEY (gout)

28,592 results

Set Alert

More

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Books

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▼ Search History (13)

View Saved

<input type="checkbox"/>	#	Searches	Results	Type	Actions	Annotations
<input type="checkbox"/>	1	Gout/ or gout.mp.	18805	Advanced	Display Results More ▼	
<input type="checkbox"/>	2	uric acid.mp. or Uric Acid/	42782	Advanced	Display Results More ▼	
<input type="checkbox"/>	3	urate.mp.	9997	Advanced	Display Results More ▼	
<input type="checkbox"/>	4	2 or 3	46464	Advanced	Display Results More ▼	
<input type="checkbox"/>	5	allopurinol.mp. or Allopurinol/	10984	Advanced	Display Results More ▼	
<input type="checkbox"/>	6	intervention.mp.	736491	Advanced	Display Results More ▼	
<input type="checkbox"/>	7	intervention.mp.	736491	Advanced	Display Results More ▼	
<input type="checkbox"/>	8	management.mp.	1475788	Advanced	Display Results More ▼	
<input type="checkbox"/>	9	self-management.mp. or Self-Management/	24522	Advanced	Display Results More ▼	
<input type="checkbox"/>	10	New Zealand.mp. or New Zealand/	78136	Advanced	Display Results More ▼	
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Create RSS

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View Saved

Email All Search History


Copy Search History Link


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My Account

 Ovid®
Search Builder

 THE UNIVERSITY OF AUCKLAND
LIBRARY

Help

Feedback













Logout

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Search Journals Books My Workspace

▼ Search History (12)

View Saved

<input type="checkbox"/>	# ▲ Searches	Results	Type	Actions	Annotations
<input type="checkbox"/>	1 gout.mp. or gout/	25414	Advanced	Display Results More ▼	 Contract
<input type="checkbox"/>	2 uric acid.mp. or uric acid/	60772	Advanced	Display Results More ▼	
<input type="checkbox"/>	3 urate.mp. or urate/	14580	Advanced	Display Results More ▼	
<input type="checkbox"/>	4 2 or 3	67358	Advanced	Display Results More ▼	
<input type="checkbox"/>	5 allopurinol.mp. or allopurinol/	24233	Advanced	Display Results More ▼	
<input type="checkbox"/>	6 intervention.mp.	112682	Advanced	Display Results More ▼	
<input type="checkbox"/>	7 management.mp. or management/	2704511	Advanced	Display Results More ▼	
<input type="checkbox"/>	8 self management.mp.	33675	Advanced	Display Results More ▼	
<input type="checkbox"/>	9 6 or 7 or 8	3619813	Advanced	Display Results More ▼	
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<input type="checkbox"/>	11 New Zealand.mp. or New Zealand/	117508	Advanced	Display Results More ▼	
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Save Remove

Combine with: AND OR


Save All Edit Create RSS Create Auto-Alert View Saved

Email All Search History Copy Search History Link Copy Search History Details

CINAHL

EBSCOhost

Searching: CINAHL Plus with Full Text | Choose Databases

 THE UNIVERSITY OF AUCKLAND
NEW ZEALAND

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Basic Search Advanced Search Search History ▼

Search History/Alerts

Print Search History Retrieve Searches Retrieve Alerts Save Searches / Alerts

☐ Select / deselect all

Search with AND

Search with OR

Delete Searches


Refresh Search Results

Search ID# Search Terms


Search Options


Actions


☐ S1

 gout AND (uric acid or uric acid levels or hyperuricemia or gout) AND (allopurinol AND intervention OR management OR self-management) AND (new zealand or aotearoa or nz)

Expanders - Apply equivalent subjects
Search modes - Find all my search terms

 View Results (23)

 View Details

 Edit