

Appendix 1: PRISMA Checklist

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	Identify the report as a systematic review, meta-analysis, or both.	1
ABSTRACT			
Structured summary	2	Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings. NB SR not registered	2-3
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known.	4
Objectives	4	Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).	5
METHODS			
Protocol and registration	5	Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number. No protocol available	-
Eligibility criteria	6	Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale.	5
Information sources	7	Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched.	5
Search	8	Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.	24-25
Study selection	9	State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).	5
Data collection process	10	Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators.	5
Data items	11	List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.	5

Risk of bias in individual studies	12	Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in any data synthesis.	6
Summary measures	13	State the principal summary measures (e.g., risk ratio, difference in means). P values	5
Synthesis of results	14	Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I^2) for each meta-analysis. No meta-analysis conducted because of heterogeneity of data	6

Appendix 2 Electronic database searches

Medline Ovid

▼ Search History (5)			
<input type="checkbox"/>	# ▲	Searches	Results
<input type="checkbox"/>	1	Gout/ or gout.mp.	16712
<input type="checkbox"/>	2	limit 1 to (english language and humans)	10115
<input type="checkbox"/>	3	(Urate or uric acid or allopurinol).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	48589
<input type="checkbox"/>	4	(Intervention or management or self-management).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1745864
<input type="checkbox"/>	5	2 and 3 and 4	678

Embase Ovid

▼ Search History (5)			
<input type="checkbox"/>	# ▲	Searches	Results
<input type="checkbox"/>	1	gout.mp. or gout/	21275
<input type="checkbox"/>	2	(Urate or uric acid or allopurinol).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	72069
<input type="checkbox"/>	3	(Intervention or management or self-management).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	3063467
<input type="checkbox"/>	4	limit 3 to english language	2818825
<input type="checkbox"/>	5	1 and 2 and 4	1685

CINAHL PLUS

Searching: **CINAHL Plus** | [Choose Databases](#)

Suggest Subject Terms

gout

AND ▾

Urate OR uric acid OR allopurinol

AND ▾

Intervention OR management OR self-manage

[Basic Search](#) [Advanced Search](#) [Search History](#) ▶

Results

Search Results: 1 - 20 of 345

Scopus



Scopus

1,362 document results

TITLE-ABS-KEY("Gout" AND "Urate" OR "uric acid" OR "allopurinol" AND "intervention" OR "management" OR "self-management")