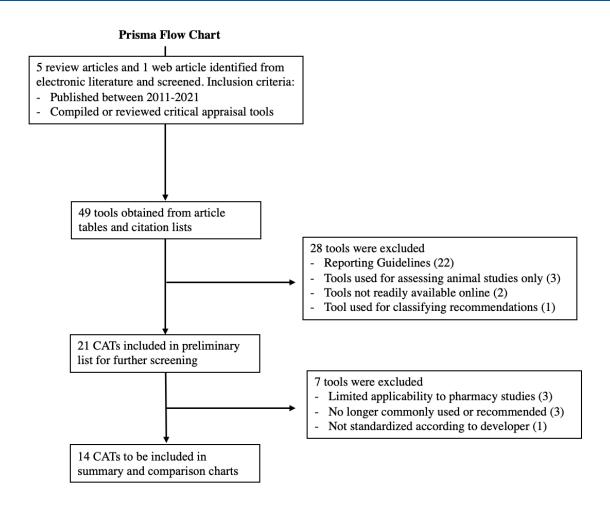
APPENDIX 1. Search strategy for critical appraisal tool manuscripts and webpages.	
Tool ^a	Search Strategy
RoB	Original manuscript obtained from citation list of Zeng et al. Tool obtained from Tables 1 and 2 of original manuscript. Link for tool: https://www.bmj.com/content/343/bmj.d5928
RoB 2	Original manuscript obtained from citation list of Haile. ² Tool obtained through Google search using "ROB 2 Tool"; a link to the tool on the Cochrane Collaboration's risk-of-bias Google site was available on the first page of results. Link for tool: https://sites.google.com/site/riskofbiastool/welcome/rob-2-0-tool?authuser=0
NOS	Tool webpage obtained from citation list of Zeng et al. ¹ Link for tool: http://www.ohri.ca/programs/clinical_epidemiology/oxford.asp
ROBINS-I	Original manuscript obtained from citation list of Ma et al. ³ Tool obtained through Google search using "ROBINS-I Tool"; a link to the tool on the Cochrane Collaboration's risk-of-bias Google site was available on the first page of results. Link for tool: https://www.riskofbias.info/welcome/home/current-version-of-robins-i
MINORS	Original manuscript obtained from citation list of Zeng et al. ¹ Tool obtained from Table 2 of original manuscript. Link for tool: https://www.unisa.edu.au/contentassets/72bf75606a2b4abcaf7f17404af374ad/6fminors1.pdf
AMSTAR 2	Original manuscript obtained from citation list of Haile. ² Tool obtained from manuscript "Data Supplement". Link for tool: https://www.bmj.com/content/358/bmj.j4008/related
ROBIS	Original manuscript obtained from citation list of Ma et al. ³ Tool obtained through Google search using "ROBIS Tool"; a link to the tool on University of Bristol's webpage was available on the first page of results. Link for tool: https://www.bristol.ac.uk/population-health-sciences/projects/robis/robis-tool/
AGREE II	Tool webpage obtained from citation list of Zeng et al. ¹ Link for tool: https://www.agreetrust.org/resource-centre/agree-ii/
GRACE	Original manuscript obtained from citation list of Ma et al. ³ Tool obtained through Google search using "GRACE Checklist"; a link to the tool on the Grace Principles website was available on the first page of results. Link: https://www.graceprinciples.org/doc/GRACE-Checklist-031114-v5.pdf
CASP checklists	Tool webpage obtained from citation list of Zeng et al. ¹ Link for tool: https://casp-uk.net/casp-tools-checklists/
CEBM guides	Tool webpage obtained from citation list of Twells. ⁴ Link for tool: https://www.cebm.ox.ac.uk/resources/ebm-tools/critical-appraisal-tools
JBI critical appraisal tools	Tool webpage obtained from citation list of Buccheri and Sharifi. ⁵ Link for tool: https://jbi.global/critical-appraisal-tools
SIGN	Tool webpage obtained from citation list of Zeng et al. ¹ Link for tool: https://www.sign.ac.uk/what-we-do/methodology/checklists/
CCAT	Tool obtained from Table 3 of Bashir and Dziemidowicz ⁶ Link: https://conchra.com.au/2015/12/08/crowe-critical-appraisal-tool-v1-4/

^aThe full name of each tool is provided in Table 1 of the main article.

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Appendix to: Blanc A, Ho V, Cameron J. Critical appraisal tools to aid pharmacists in evidence-based practice: a narrative review. *Can J Hosp Pharm*. 2023;76(2):131-40.



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APPENDIX 3. Risk-of-bias (RoB) domains assessed by tools.

Cochrane RoB¹

- · Selection bias (random sequence generation, allocation concealment)
- · Performance bias (blinding of participants and personnel)
- Detection bias (blinding of outcome assessment)
- Attrition bias (incomplete outcome data)
- Reporting bias (selective reporting)
- Other bias (anything else, ideally prespecified)
- Overall RoB

Cochrane RoB 2²

- RoB arising from the randomization process
- RoB due to deviations from the intended interventions (effect of assignment to intervention and effect of adhering to intervention)
- · Missing outcome data
- · RoB in measurement of the outcome
- · RoB in selection of the reported result
- Overall RoB

Cochrane ROBINS-I³

- Bias due to confounding
- Bias in selection of participants into the study
- Bias in classification of interventions
- · Bias due to deviations from intended interventions
- · Bias due to missing data
- Bias in measurement of outcomes
- Bias in selection of the reported result
- · Overall bias

ROBIS⁴

- · Concerns regarding specification of study eligibility criteria
- Concerns regarding methods used to identify and/or select studies
- · Concerns regarding methods used to collect data and appraise studies
- · Concerns regarding the synthesis and findings

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