Section/topic	Item No	Checklist item	Reported on Page Number/Line Number	Reported on Section/Paragraph		
TITLE	TITLE					
Title	1	Identify the report as a systematic review.	Page 1/Line 1-2	Title Page		
ABSTRACT						
Abstract	2	See the PRISMA 2020 for Abstracts checklist (Table 2).	As below	As below		
INTRODUCTION	INTRODUCTION					
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Page 4/Line 95-99	Introduction/Para 3		
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Page 4/Line 95-99	Introduction/Para 3		
METHODS						
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Page 5/Line 110-111	Trial selection		
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	Page 5/Line 104-108	Data sources and literature search technique		
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Page 5/Line 104-108	Data sources and literature search technique		

Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	Page 5/Line 113-119	Data collection and management
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	Page 5/Line 113-119	Data collection and management
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	Page 5/Line 113-119	Data collection and management
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	Page 5/Line 113-119	Data collection and management

		5-1		
Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	Page 5/Line 121-125	Quality of analysis
Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	Page 6/Line 129-130	Statistical analysis
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis.	Page 5/Line 110-111	Trial selection/Figure 1
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.	N/A	N/A
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	N/A	N/A
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	Page 6/Line 128-130	Statistical analysis

	13e	Describe any methods used to explore possible causes of heterogeneity among study results.	Page 6/Line 131-133	Statistical analysis
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	Page 6/Line 133-135	Statistical analysis
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	Page 5/Line 121-125	Quality of analysis
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	Page 6/Line 141-145	Statistical analysis
RESULTS				
Study selection	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	Page 6/Line 147-151	Results
	16b	Cite studies that met many but not all inclusion criteria ('near-misses') and explain why they were excluded.	Page 6/Line 147-151	Results
Study characteristics	17	Cite each included study and present its characteristics.	Page 6-7/Line 153-161	Characteristics and demographics of included studies
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	Table 3 and Table 4	Table 3 and Table 4
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	Page 7/Line 170-176	Outcome of the primary variable

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Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	Page 7/Line 170-176	Outcome of the primary variable
	20b	Present results of all statistical syntheses conducted. If meta-analysis was done, present for each the summary estimate and its precision (e.g. confidence/credible interval) and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	Page 7/Line 170-176	Outcome of the primary variable

20c 20d 21 22 23a	Present results of all investigations of possible causes of heterogeneity among study results. Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results. Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed. Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	Page 6/Line 128-145 Page 6/Line 128-145 Page 6/Line 128-145 Figures 2 and 3	Statistical analysis Statistical analysis Statistical analysis Figures 2 and 3
21 22	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	Page 6/Line 128-145	Statistical analysis
22	synthesis assessed.		
	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	Figures 2 and 3	Figures 2 and 3
23a			<u> </u>
23a			
	Provide a general interpretation of the results in the context of other evidence.	Page 7-8/Line 179-183	Key findings
23b	Discuss any limitations of the evidence included in the review.	Page 8/Line 197-201	Strength and limitations
23c	Discuss any limitations of the review processes used.	Page 8/Line 197-201	Strength and limitations
23d	Discuss implications of the results for practice, policy, and future research.	Page 8/Line 203-206	Implications
TION		-1	
24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	N/A	N/A
24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	N/A	N/A
24c	Describe and explain any amendments to information provided at registration or in the protocol.	N/A	N/A
25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	N/A	N/A
	23c 23d TION 24a 24b 24c	Discuss any limitations of the review processes used. Discuss implications of the results for practice, policy, and future research. TION Provide registration information for the review, including register name and registration number, or state that the review was not registered. Indicate where the review protocol can be accessed, or state that a protocol was not prepared. Describe and explain any amendments to information provided at registration or in the protocol. Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in	23c Discuss any limitations of the review processes used. Page 8/Line 197-201 23d Discuss implications of the results for practice, policy, and future research. Page 8/Line 203-206 TION 24a Provide registration information for the review, including register name and registration number, or state that the review was not registered. N/A 14b Indicate where the review protocol can be accessed, or state that a protocol was not prepared. N/A 24c Describe and explain any amendments to information provided at registration or in the protocol. N/A Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in N/A

Competing interests	26	Declare any competing interests of review authors.	Page 9/Line 215-217	Acknowledgement
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	N/A	N/A

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Table 2 PRISMA 2020 for Abstracts checklist

Section/topic	Item No	Checklist item	Reported on Page Number/Line Number	Reported on Section/Paragraph	
TITLE					
Title	1	Identify the report as a systematic review.	Page 1/Line 1-2	Title	
BACKGROUND	BACKGROUND				
Objectives	2	Provide an explicit statement of the main objective(s) or question(s) the review addresses.	Page 2/Line 24-26	Background	
METHODS					
Eligibility criteria	3	Specify the inclusion and exclusion criteria for the review.	Page 2/Line 28-30	Methods	
Information sources	4	Specify the information sources (e.g. databases, registers) used to identify studies and the date when each was last searched.	Page 2/Line 28-30	Methods	
Risk of bias	5	Specify the methods used to assess risk of bias in the included studies.	N/A	N/A	
Synthesis of results	6	Specify the methods used to present and synthesize results.	N/A	N/A	

RESULTS						
Included studies	7	Give the total number of included studies and participants and summarise relevant characteristics of studies.	Page 2/Line 32-40	Results		
Synthesis of results	8	Present results for main outcomes, preferably indicating the number of included studies and participants for each. If meta-analysis was done, report the summary estimate and confidence/credible interval. If comparing groups, indicate the direction of the effect (i.e. which group is favoured).	Page 2/Line 32-40	Results		
DISCUSSION	DISCUSSION					
Limitations of evidence	9	Provide a brief summary of the limitations of the evidence included in the review (e.g. study risk of bias, inconsistency and imprecision).	Page 2/Line 42-45	Conclusion		
Interpretation	10	Provide a general interpretation of the results and important implications.	Page 2/Line 42-45	Conclusion		
OTHER	OTHER					
Funding	11	Specify the primary source of funding for the review.	N/A	N/A		
Registration	12	Provide the register name and registration number.	N/A	N/A		

Article information: https://dx.doi.org/10.21037/tgh-23-73
*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.