Supplemental material

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Supplementary Files

Supplemental file 1 : Search Strategy

Topic	Telemedicine in LMICs
Search Methods	Search strategies for identifying relevant evidence synthesis reviews were developed based on the Cochrane Low and Middle Income Country Filter (citation), which are based on the World Bank classifications. Controlled vocabulary, where appropriate, and keywords for the concepts of LMICs, telemedicine, and review types were used. Searches were run PubMed (NCBI), Cochrane Library (Wiley), Embase (Ovid), Scopus (Elsevier), and the WHO Global Index Medicus. The search was not peer reviewed. The results were limited to English langauge articles published from 01 January 2012 through 22 July 2022.
PubMed (NCBI)	942
Embase (Ovid)	1202
Cochrane Library (Wiley)	27
Scopus (Elsevier)	600
WHO Global Index Medicus	58
TOTAL	2829
Date Run	7/22/2022
Run By	Carrie Price, MLS Albert S. Cook Library Towson University Towson, Maryland, USA
Limits	1/1/2012 – 7/22/2022 English
Cite	Cochrane. (2022). Low and middle income country filters for MEDLINE and Embase. https://epoc.cochrane.org/lmic-filters

PubMed (NCBI)

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("telemedicine"[mesh] OR "remote consultation"[mesh] OR "telenursing"[mesh] OR "telepathology"[mesh] OR "teleradiology"[mesh] OR "telerehabilitation"[mesh] OR "eHealth"[tw] OR "esanjeevani"[tw] OR "mHealth"[tw] OR "mobile health"[tw] OR "remote consultation"[tw] OR "remote consultations"[tw] OR "tele care"[tw] OR "tele consult"[tw] OR "tele consultation"[tw] OR "tele consultations"[tw] OR "tele consults"[tw] OR "tele diagnosis"[tw] OR "tele diagnostic"[tw] OR "tele diagnostics"[tw] OR "tele health"[tw] OR "tele medicine"[tw] OR "tele monitor*"[tw] OR "tele nursing"[tw] OR "tele pathology"[tw] OR "tele pharmacy"[tw] OR "tele radiology"[tw] OR "tele rehab"[tw] OR "tele rehabilitation"[tw] OR "telecare"[tw] OR "teleconsult"[tw] OR "teleconsultation"[tw] OR "teleconsultations"[tw] OR "teleconsults"[tw] OR "telediagnosis"[tw] OR "telediagnostic"[tw] OR "telediagnostics"[tw] OR "telehealth"[tw] OR "telemedicine"[tw] OR "telemonitor*"[tw] OR "telenursing"[tw] OR "telepathology"[tw] OR "telepharmacy"[tw] OR "teleradiology"[tw] OR "telerehabilitation"[tw] OR "video call"[tw] OR "video calls"[tw] OR "virtual consult"[tw] OR "virtual consultation"[tw] OR "virtual consultations"[tw] OR "virtual consults"[tw] OR "virtual medicine"[tw])

AND

("systematic review"[pt] OR "meta-analysis"[pt] OR "review"[pt] OR "systemati*"[ti] OR "integrative review"[ti] OR "rapid review" [ti] OR "umbrella review"[ti] OR "scoping review"[ti] OR "narrative review"[ti] OR "literature review"[ti] OR "evidence based review"[ti] OR "meta analysis"[ti] OR "metaanalysis"[ti])

Embase (Ovid)

(afghanistan OR albania OR algeria OR american samoa OR angola OR "antigua and barbuda" OR antigua OR barbuda OR argentina OR armenia OR armenian OR aruba OR azerbaijan OR bahrain OR bangladesh OR barbados OR republic of belarus OR belarus OR byelarus OR belorussia OR byelorussian OR belize OR british honduras OR benin OR dahomey OR bhutan OR bolivia OR "bosnia and herzegovina" OR bosnia OR herzegovina OR botswana OR bechuanaland OR brazil OR brasil OR bulgaria OR burkina faso OR burkina fasso OR upper volta OR burundi OR urundi OR cabo verde OR cape verde OR cambodia OR kampuchea OR khmer republic OR cameroon OR cameron OR cameroun OR central african republic OR ubangi shari OR chad OR chile OR china OR colombia OR comoros OR comoro islands OR iles comores OR mayotte OR democratic republic of the congo OR democratic republic congo OR congo OR zaire OR costa rica OR "cote d'ivoire" OR "cote d' ivoire" OR cote divoire OR cote d ivoire OR ivory coast OR croatia OR cuba OR cyprus OR czech republic OR czechoslovakia OR djibouti OR french somaliland OR dominica OR dominican republic OR ecuador OR egypt OR united arab republic OR el salvador OR equatorial guinea OR spanish guinea OR eritrea OR estonia OR eswatini OR swaziland OR ethiopia OR fiji OR gabon OR gabonese republic OR gambia OR "georgia (republic)" OR georgian OR ghana OR gold coast OR gibraltar OR greece OR grenada OR guam OR guatemala OR guinea OR guinea bissau OR guyana OR british guiana OR haiti OR hispaniola OR honduras OR hungary OR india OR indonesia OR timor OR iran OR iraq OR isle of man OR jamaica OR jordan OR kazakhstan OR kazakh OR kenya OR "democratic people's republic of korea" OR republic of korea OR north korea OR south korea OR korea OR kosovo OR kyrgyzstan OR kirghizia OR kirgizstan OR kyrgyz republic OR kirghiz OR laos OR lao pdr OR "lao people's democratic republic" OR latvia OR lebanon OR lebanese republic OR lesotho OR basutoland OR liberia OR libya OR libyan arab jamahiriya OR lithuania OR macau OR macao OR republic of north macedonia OR macedonia OR madagascar OR malagasy republic OR malawi OR nyasaland OR malaysia OR malay federation OR malaya federation OR maldives OR indian ocean islands OR indian ocean OR mali OR malta OR micronesia OR federated

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AND

(systemati* or review or scoping or integrative or rapid or narrative or metaanalysis or meta-analysis or umbrella).ti,sh.

Cochrane Library (Wiley)

([mh "telemedicine"] OR [mh "remote consultation"] OR [mh "telenursing"] OR [mh "telepathology"] OR [mh "teleradiology"] OR [mh "telerehabilitation"] OR eHealth:ti,ab,kw OR esanjeevani:ti,ab,kw OR mHealth:ti,ab,kw OR mobile health:ti,ab,kw OR remote consultation:ti,ab,kw OR remote consultations:ti,ab,kw OR tele care:ti,ab,kw OR tele consult:ti,ab,kw OR tele consultation:ti,ab,kw OR tele consultations:ti,ab,kw OR tele consults:ti,ab,kw OR tele diagnosis:ti,ab,kw OR tele diagnostic:ti,ab,kw OR tele diagnostics:ti,ab,kw OR tele health:ti,ab,kw OR tele medicine:ti,ab,kw OR tele monitor*:ti,ab,kw OR tele nursing:ti,ab,kw OR tele pathology:ti,ab,kw OR tele pharmacy:ti,ab,kw OR tele radiology:ti,ab,kw OR tele rehab:ti,ab,kw OR tele rehabilitation:ti,ab,kw OR telecare:ti,ab,kw OR teleconsult:ti,ab,kw OR teleconsultation:ti,ab,kw OR teleconsultations:ti,ab,kw OR teleconsults:ti,ab,kw OR telediagnosis:ti,ab,kw OR telediagnostic:ti,ab,kw OR telediagnostics:ti,ab,kw OR telehealth:ti,ab,kw OR telemedicine:ti,ab,kw OR telemonitor*:ti,ab,kw OR telenursing:ti,ab,kw OR telepathology:ti,ab,kw OR telepharmacy:ti,ab,kw OR teleradiology:ti,ab,kw OR telerehabilitation:ti,ab,kw OR "video call":ti,ab,kw OR "video calls":ti,ab,kw OR virtual consult:ti,ab,kw OR virtual consultation:ti,ab,kw OR virtual consultations:ti,ab,kw OR virtual consults:ti,ab,kw OR virtual medicine:ti,ab,kw)

AND

(systemati* OR review OR scoping OR integrative OR rapid OR narrative OR metaanalysis OR meta-analysis OR umbrella):ti

WHO Global Index Medicus

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Scopus (Elsevier)

TITLE-ABS("afghanistan" OR "albania" OR "algeria" OR "american samoa" OR "angola" OR "antigua" OR "antigua" OR "barbuda" OR "argentina" OR "armenia" OR "armenian" OR "aruba" OR "azerbaijan" OR "bahrain" OR "bangladesh" OR "barbados" OR "belarus" OR "byelarus" OR "belorussia" OR "byelorussian" OR "belize" OR "british honduras" OR "benin" OR "dahomey" OR "bhutan" OR "bolivia" OR "bosnia" OR "bosnia" OR "herzegovina" OR "botswana" OR "bechuanaland" OR "brazil" OR "brasil" OR "bulgaria" OR "burkina faso" OR "burkina fasso" OR "upper volta" OR "burundi" OR "urundi" OR "cabo verde" OR "cape verde" OR "cambodia" OR "kampuchea" OR "khmer republic" OR "cameroon" OR "cameron" OR "cameroun" OR "central african republic" OR "ubangi shari" OR "chad" OR "chile" OR "china" OR "colombia" OR "comoros" OR "comoro islands" OR "iles comores" OR "mayotte" OR "congo" OR "democratic republic congo" OR "congo" OR "zaire" OR "costa rica" OR "cote d'ivoire" OR "cote d ivoire" OR "cote divoire" OR "cote d ivoire" OR "ivory coast" OR "croatia" OR "cuba" OR "cyprus" OR "czech republic" OR "czechoslovakia" OR "djibouti" OR "french somaliland" OR "dominica" OR "dominican republic" OR "ecuador" OR "egypt" OR "united arab republic" OR "el salvador" OR "equatorial guinea" OR "spanish guinea" OR "eritrea" OR "estonia" OR "eswatini" OR "swaziland" OR "ethiopia" OR "fiji" OR "gabon" OR "gabonese republic" OR "gambia" OR "georgia" OR "georgian" OR "ghana" OR "gold coast" OR "gibraltar" OR "greece" OR "grenada" OR "guam" OR "guatemala" OR "guinea" OR "guinea bissau" OR "guyana" OR "british guiana" OR "haiti" OR "hispaniola" OR "honduras" OR "hungary" OR "india" OR "indonesia" OR "timor" OR "iran" OR "iraq" OR "jamaica" OR "jordan" OR "kazakhstan" OR "kazakh" OR "kenya" OR "korea" OR "north korea" OR "south korea" OR "korea" OR "kosovo" OR "kyrgyzstan" OR "kirghizia" OR "kirgizstan" OR "kyrgyz republic" OR "kirghiz" OR "laos" OR "lao pdr" OR "lao people's democratic republic" OR "latvia" OR "lebanon" OR "lebanese republic" OR "lesotho" OR "basutoland" OR "liberia" OR "libya" OR "libyan arab jamahiriya" OR "lithuania" OR "macau" OR "macao" OR "north macedonia" OR "macedonia" OR "madagascar" OR "malagasy republic" OR "malawi" OR "nyasaland" OR "malaysia" OR "malay federation" OR "malaya federation" OR "maldives" OR "indian ocean islands" OR "indian ocean" OR "mali" OR "malta" OR "micronesia" OR "micronesia" OR "kiribati" OR "marshall islands" OR "nauru" OR "northern mariana islands" OR "palau" OR "tuvalu" OR "mauritania" OR "mauritius" OR "mexico" OR "moldova" OR "moldovian" OR "mongolia" OR "montenegro" OR "morocco" OR "ifni" OR

"mozambique" OR "portuguese east africa" OR "myanmar" OR "burma" OR "namibia" OR "nepal" OR "netherlands antilles" OR "nicaragua" OR "niger" OR "nigeria" OR "oman" OR "muscat" OR "pakistan" OR "panama" OR "papua new guinea" OR "new guinea" OR "paraguay" OR "peru" OR "philippines" OR "philipines" OR "phillipines" OR "phillippines" OR "poland" OR "polish people's republic" OR "portugal" OR "portuguese republic" OR "puerto rico" OR "romania" OR "russia" OR "russian federation" OR "ussr" OR "soviet union" OR "rwanda" OR "ruanda" OR "samoa" OR "pacific islands" OR "polynesia" OR "samoan islands" OR "navigator island" OR "navigator islands" OR "sao tome" OR "saudi arabia" OR "senegal" OR "serbia" OR "seychelles" OR "sierra leone" OR "slovakia" OR "slovak republic" OR "slovenia" OR "melanesia" OR "solomon island" OR "solomon islands" OR "norfolk island" OR "norfolk islands" OR "somalia" OR "south africa" OR "south sudan" OR "sri lanka" OR "ceylon" OR "saint kitts" OR "st kitts" OR "saint lucia" OR "st lucia" OR "saint vincent" OR "st vincent" OR "grenadines" OR "sudan" OR "suriname" OR "surinam" OR "dutch guiana" OR "netherlands guiana" OR "syria" OR "syrian arab republic" OR "tajikistan" OR "tadjikistan" OR "tadzhikistan" OR "tadzhik" OR "tanzania" OR "tanganyika" OR "thailand" OR "siam" OR "timor leste" OR "east timor" OR "togo" OR "togolese republic" OR "tonga" OR "trinidad and tobago" OR "trinidad" OR "tobago" OR "tunisia" OR "turkey" OR "turkmenistan" OR "turkmen" OR "uganda" OR "ukraine" OR "uruguay" OR "uzbekistan" OR "uzbek" OR "vanuatu" OR "new hebrides" OR "venezuela" OR "vietnam" OR "viet nam" OR "middle east" OR "west bank" OR "gaza" OR "palestine" OR "yemen" OR "yugoslavia" OR "zambia" OR "zimbabwe" OR "northern rhodesia" OR "global south" OR "africa south of the sahara" OR "sub saharan africa" OR "subsaharan africa" OR "central africa" OR "north africa" OR "northern africa" OR "magreb" OR "maghrib" OR "sahara" OR "southern africa" OR "east africa" OR "eastern africa" OR "west africa" OR "western africa" OR "west indies" OR "indian ocean islands" OR "caribbean region" OR "caribbean islands" OR "caribbean" OR "central america" OR "latin america" OR "south and central america" OR "south america" OR "asia, central" OR "central asia" OR "north asia" OR "northern asia" OR "southeastern asia" OR "south eastern asia" OR "southeast asia" OR "south east asia" OR "western asia" OR "east europe" OR "eastern europe" OR "developing country" OR "developing countries" OR "developing nation*" OR "developing population*" OR "developing world" OR "less developed countr*" OR "less developed nation*" OR "less developed population*" OR "less developed world" OR "lesser developed countr*" OR "lesser developed nation*" OR "lesser developed population*" OR "lesser developed world" OR "under developed countr*" OR "under developed nation*" OR "under developed population*" OR "under developed world" OR "underdeveloped countr*" OR "underdeveloped nation*" OR "underdeveloped population*" OR "underdeveloped world" OR "middle income countr*" OR "middle income nation*" OR "middle income population*" OR "low income countr*" OR "low income nation*" OR "low income population*" OR "lower income countr*" OR "lower income nation*" OR "lower income population*" OR "underserved countr*" OR "underserved nation*" OR "underserved population*" OR "underserved world" OR "under served countr*" OR "under served nation*" OR "under served population*" OR "under served world" OR "deprived countr*" OR "deprived nation*" OR "deprived population*" OR "deprived world" OR "poor countr*" OR "poor nation*" OR "poor population*" OR "poor world" OR "poorer countr*" OR "poorer nation*" OR "poorer population*" OR "poorer world" OR "developing econom*" OR "less developed econom*" OR "lesser developed econom*" OR "under developed econom*" OR "underdeveloped econom*" OR "middle income econom*" OR "low income econom*" OR "lower income econom*" OR "low gdp" OR "low gnp" OR "low gross domestic" OR "low gross national" OR "lower gdp" OR "lower gnp" OR "lower gross domestic" OR "lower gross national" OR "lmic" OR "lmics" OR "third world" OR "lami countr*" OR "transitional countr*" OR "emerging economies" OR "emerging nation*")

AND

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Supplemental material

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Supplementary File 2: List of Excluded articles at the full text stage (N=35)

S.no	Title	Reason for exclusion
1.	Telemedicine and e-Health research solutions in literature for combatting COVID-19: a systematic review	No outcome
2.	Factors influencing health managers' acceptance of eHealth services in Saudi Arabia	Wrong study design
3.	Promotors and barriers to implementation of assistive-technology and telecare for people with dementia and their caregivers: A systematic review	Full text not available
4.	Tele-Ultrasound in Resource-Limited Settings: A Systematic Review	No outcome
5.	Asynchronous teleneurology: A systematic review of electronic provider-to-provider communications	Full text not available
6.	Enablers of telemedicine technology adoption: A case-based conceptualization in Indian context	Full text not available
7.	Is telemedicine best alternative to reaching last mile: Investigation in the context of rural india	Full text not available
8.	Telemedicine to deliver diabetes care in low-and middle-income countries: A systematic review and meta-analysis	No outcome
9.	Telehealth Use in Geriatrics Care during the COVID-19 Pandemic-A Scoping Review and Evidence Synthesis	Data Not available for LMICs
10.	Teletherapy Versus In-Person Psychotherapy for Depression: A Meta-Analysis of Randomized Controlled Trials	Full text not available
11.	Teleophthalmology and its evolving role in a COVID-19 pandemic: A scoping review	Data Not available for LMICs
12.	Telemedicine application in the care of acute myocardial infarction patients: Systematic review and meta-analysis	Wrong study design
13.	Teledentistry: A systematic review of the literature	No outcome
14.	Non-adherence to telemedicine interventions for drug users: systematic review	No outcome
15.	Telesurgery presence in low and middle income settings: A systematic review	Wrong study design
16.	The role of telehealth physical therapy in stroke: A systematic review	Full text not available
17.	Telehealth and Telemedicine in Response to Critical Coronavirus: A Systematic Review	Data Not available for LMICs
18.	Telemental Health Use in the COVID-19 Pandemic: A Scoping Review and Evidence Gap Mapping	Data Not available for LMICs

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19.	Telemental health in low- And middle-income countries: A systematic review	No outcome
20.	Advances in obstetric telemonitoring: a systematic review	No outcome
21.	Systematic review on what works, what does not work and why of implementation of mobile health (mHealth) projects in Africa	No intervention
22.	Cost-effectiveness of diabetic retinopathy screening programs using telemedicine: A systematic review	No outcome
23.	Current status and future directions of mhealth interventions for health system strengthening in India: Systematic review	No outcome
24.	Use of telehealth during the COVID-19 pandemic: Scoping review	No outcome
25.	Teleoncology in sub-Saharan Africa: A literature review	No outcome
26.	Telehealth-Based Services During the COVID-19 Pandemic: A Systematic Review of Features and Challenges	Population
27.	The promise of telemedicine in Pakistan: A systematic review	No outcome
28.	Usability of Telemedicine in Physical Therapy Rehabilitation: Systematic review	Wrong study design
29.	Use of telehealth in home nutrition support: Challenges and advantages	Wrong study design
30.	Needs, gaps and opportunities for standard and e-mental health care among at-risk populations in the Asia Pacific in the context of COVID-19: a rapid scoping review	No outcome
31.	Telemedicine in Southeast Asia: A Systematic Review	Full text not available
32.	Telemedicine across borders: A systematic review of factors that hinder or support implementation	Data Not available for LMICs
33.	Role of telehealth in diabetic foot ulcer management - A systematic review	Population
34.	Implementation barriers for mHealth for non-communicable diseases management in low and middle income countries: A scoping review and field-based views from implementers	No intervention
35.	Enablers and barriers in providing telediabetes services for Indigenous communities: A systematic review	No intervention

Supplemental file 3: PRIOR checklist (preferred reporting items for overviews of reviews)

Section topic	Item No	Item	Location where item is reported
Title			
Title	1	Identify the report as an overview of reviews.	1
Abstract			
Abstract	2	Provide a comprehensive and accurate summary of the purpose, methods, and results of the overview of reviews.	2
Introduction			
Rationale	3	Describe the rationale for conducting the overview of reviews in the context of existing knowledge.	5
Objectives	4	Provide an explicit statement of the objective(s) or question(s) addressed by the overview of reviews.	5
Methods			
Eligibility criteria	5a	Specify the inclusion and exclusion criteria for the overview of reviews. If supplemental primary studies were included, this should be stated, with a rationale.	6-7
	5b	Specify the definition of "systematic review" as used in the inclusion criteria for the overview of reviews.	NA
Information sources	6	Specify all databases, registers, websites, organizations, reference	7

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Section topic	Item No	Item	Location where item is reported
		lists, and other sources searched or consulted to identify systematic reviews and supplemental primary studies (if included). Specify the date when each source was last searched or consulted.	
Search strategy	7	Present the full search strategies for all databases, registers and websites, such that they could be reproduced. Describe any search filters and limits applied.	Provided in supplemental file 1
Selection process	8a	Describe the methods used to decide whether a systematic review or supplemental primary study (if included) met the inclusion criteria of the overview of reviews.	NA
	8b	Describe how overlap in the populations, interventions, comparators, and/or outcomes of systematic reviews was identified and managed during study selection.	6-7
Data collection process	9a	Describe the methods used to collect data from reports.	NA
	9b	If applicable, describe the methods used to identify and manage primary study overlap at the level of the comparison and outcome during data collection. For each	NA

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Section topic	Item No	Item	Location where item is reported
		outcome, specify the method used to illustrate and/or quantify the degree of primary study overlap across systematic reviews.	
	9c	If applicable, specify the methods used to manage discrepant data across systematic reviews during data collection.	NA
Data items	10	List and define all variables and outcomes for which data were sought. Describe any assumptions made and/or measures taken to identify and clarify missing or unclear information.	8
Risk of bias assessment	11a	Describe the methods used to assess risk of bias or methodological quality of the included systematic reviews.	NA
	11b	Describe the methods used to collect data on (from the systematic reviews) and/or assess the risk of bias of the primary studies included in the systematic reviews. Provide a justification for instances where flawed, incomplete, or missing assessments are identified but not reassessed.	NA

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Section topic	Item No	Item	Location where item is reported
	11c	Describe the methods used to assess the risk of bias of supplemental primary studies (if included).	NA
Synthesis methods	12a	Describe the methods used to summarise or synthesise results and provide a rationale for the choice(s).	8
	12b	Describe any methods used to explore possible causes of heterogeneity among results.	NA
	12c	Describe any sensitivity analyses conducted to assess the robustness of the synthesised results.	NA
Reporting bias assessment	13	Describe the methods used to collect data on (from the systematic reviews) and/ or assess the risk of bias due to missing results in a summary or synthesis (arising from reporting biases at the levels of the systematic reviews, primary studies, and supplemental primary studies, if included).	8 NA
Certainty assessment	14	Describe the methods used to collect data on (from the systematic reviews) and/or assess certainty (or confidence) in the body of evidence for an outcome.	NA
Results			

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Section topic	Item No	Item	Location where item is reported
Systematic review and supplemental primary study selection	15a	Describe the results of the search and selection process, including the number of records screened, assessed for eligibility, and included in the overview of reviews, ideally with a flow diagram.	8-9
	15b	Provide a list of studies that might appear to meet the inclusion criteria, but were excluded, with the main reason for exclusion.	Supplemental file 2
Characteristics of systematic reviews and supplemental primary studies	16	Cite each included systematic review and supplemental primary study (if included) and present its characteristics.	9 and Table 1
Primary study overlap	17	Describe the extent of primary study overlap across the included systematic reviews.	NA
Risk of bias in systematic reviews, primary studies, and supplemental primary studies	18a	Present assessments of risk of bias or methodological quality for each included systematic review.	NA
	18b	Present assessments (collected from systematic reviews or assessed anew) of the risk of bias of the primary studies included in the systematic reviews.	NA
	18c	Present assessments of the risk of bias of	NA

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Section topic	Item No	Item	Location where item is reported
		supplemental primary studies (if included).	
Summary or synthesis of results	19a	For all outcomes, summarise the evidence from the systematic reviews and supplemental primary studies (if included). If meta-analyses were done, present for each the summary estimate and its precision and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	10-13
	19b	If meta-analyses were done, present results of all investigations of possible causes of heterogeneity.	NA
	19c	If meta-analyses were done, present results of all sensitivity analyses conducted to assess the robustness of synthesised results.	NA
Reporting biases	20	Present assessments (collected from systematic reviews and/or assessed anew) of the risk of bias due to missing primary studies, analyses, or results in a summary or synthesis (arising from reporting biases at the levels of the systematic reviews, primary studies, and supplemental primary studies, if included) for	NA

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Supplemental material

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Section topic	Item No	Item	Location where item is reported
		each summary or synthesis assessed.	
Certainty of evidence	21	Present assessments (collected or assessed anew) of certainty (or confidence) in the body of evidence for each outcome.	NA
Discussion			
Discussion	22a	Summarise the main findings, including any discrepancies in findings across the included systematic reviews and supplemental primary studies (if included).	NA
	22b	Provide a general interpretation of the results in the context of other evidence.	13-14
	22c	Discuss any limitations of the evidence from systematic reviews, their primary studies, and supplemental primary studies (if included) included in the overview of reviews. Discuss any limitations of the overview of reviews methods used.	16
	22d	Discuss implications for practice, policy, and future research (both systematic reviews and primary research). Consider the relevance of the findings to the end users of the overview of reviews, eg, healthcare providers,	13-16

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Section topic	Item No	Item	Location where item is reported
		policymakers, patients, among others.	
Other information			
Registration and protocol	23a	Provide registration information for the overview of reviews, including register name and registration number, or state that the overview of reviews was not registered.	5
	23b	Indicate where the overview of reviews protocol can be accessed, or state that a protocol was not prepared.	5, Yes on PROSPERO
	23c	Describe and explain any amendments to information provided at registration or in the protocol. Indicate the stage of the overview of reviews at which amendments were made.	NA
Support	24	Describe sources of financial or non-financial support for the overview of reviews, and the role of the funders or sponsors in the overview of reviews.	16
Competing interests	25	Declare any competing interests of the overview of reviews' authors.	16
Author information	26a	Provide contact information for the corresponding author.	Title page

Section topic	Item No	Item	Location where item is reported
	26b	Describe the contributions of individual authors and identify the guarantor of the overview of reviews.	16
Availability of data and other materials	27	Report which of the following are available, where they can be found, and under which conditions they may be accessed: template data collection forms; data collected from included systematic reviews and supplemental primary studies; analytic code; any other materials used in the overview of reviews.	16

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