PRISMA 2020 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 page
ABSTRACT				
Abstract	2	See the PRISMA 2020 for Abstracts checklist (Table 2).	Page 2, line 26-54	Abstract
INTRODUCTION				
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Page 3-4, Line 59-76	Introduction
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Page 4, Line 75-76	Introduction
METHODS				
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Page 4, Line 81-86	Methods
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 4, Line 82-83	Methods
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Page 4, Line 82-86	Methods
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 4, Line 87-92	Methods
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 4, Line 87-92	Methods
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 4, Line 84-85	Methods
	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 4, Line 90-91	Methods

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 4, Line 87-88	Methods
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 4, Line 96-98	Methods
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis.	Page 4, Line 87-92	Methods
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.	Page 4, Line 99	Methods
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	Page 6, Line 136	Results, Systematic review
	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 5, Line 130-132	Results, Systematic review
	13e	Describe any methods used to explore possible causes of heterogeneity among study results.	Page 4, Line 93-94	Methods
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	Page 5-6, Line 133-136	Results, Systematic review
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 4, Line 89-92	Methods
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	N/A No methods used to assess certainty	N/A No methods used to assess certainty
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 5, Line 130-133	Results, Systematic review
	16b	Cite studies that met many but not all inclusion criteria ('near-misses') and explain why they were excluded.	Page 5, Line 131-132	Results, Systematic review
Study characteristics	17	Cite each included study and present its characteristics.	Table 1	Table 1
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	N/A Not presented	N/A Not presented
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 5-6, Line 133-136	Results, Systematic review + Table 1

Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	Page 5-6, Line 133-136	Results, Systematic review
	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 5-6, Line 133-136	Results, Systematic review
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	Page 6, Line 156-163	Discussion
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	Page 5-6, Line 133-136	Results, Systematic review
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	Page 5-6, Line 133-136	Results, Systematic review
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	N/A No methods used to assess certainty	N/A No methods used to assess certainty
DISCUSSION				
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	Page 6-7, Line 164-167	Discussion
	23b	Discuss any limitations of the evidence included in the review.	Page 6, Line 158-163	Discussion
	23c	Discuss any limitations of the review processes used.	Page 6-7, Line 164-167	Discussion
	23d	Discuss implications of the results for practice, policy, and future research.	Page 7, Line 178-182	Conclusions
OTHER INFORMATION				
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	N/A No registration available	N/A No registration available
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	N/A No protocol prepared	N/A No protocol prepared
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	N/A No protocol o	N/A No protocol o
Support	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 No financial support	N/A No financial support
Competing interests	26	Declare any competing interests of review authors.	N/A No competing interests	N/A No competing interests
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.	Table 1	Table 1

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 page
BACKGROUND				
Objectives	2	Provide an explicit statement of the main objective(s) or question(s) the review addresses.	Page 2, Line 27-31	Abstract Bckground
METHODS				
Eligibility criteria	3	Specify the inclusion and exclusion criteria for the review.	Page 2, Line 42-43	Abstract 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 35-37	Abstract Methods
Risk of bias	5	Specify the methods used to assess risk of bias in the included studies.	Page 2, Line 42-43	Abstract Methods
Synthesis of results	6	Specify the methods used to present and synthesize results.	Page 2, Line 45-47	Abstract Methods
RESULTS				
Included studies	7	Give the total number of included studies and participants and summarise relevant characteristics of studies.	Page 2, Line 43-47	Abstract 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 43-47	Abstract Results
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 52-54	Abstract Conclusions
Interpretation	10	Provide a general interpretation of the results and important implications.	Page 2, Line 50-51	Abstract Conclusions
OTHER				
Funding	11	Specify the primary source of funding for the review.	N/A, No funding	A, No funding
Registration	12	Provide the register name and registration number.	N/A No registration	N/A No registration

Article information: https://dx.doi.org/10.21037/gpm-23-33
*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.

CARE Checklist of information to include when writing a case report

Topic	Item No	Checklist item description	Reported on Page Number/Line Number	Reported on Section/Paragraph
Title	1	The diagnosis or intervention of primary focus followed by the words “case report”	Page 1, Line 1-2	Title page
Key Words	2	2 to 5 key words that identify diagnoses or interventions in this case report, including "case report"	Page 2, Line 56	Keywords
Abstract (Structured summary)	3a	Background: state what is known and unknown; why the case report is unique and what it adds to existing literature.	Page 2, Line 27-29	Abstract Background
	3b	Case Description: describe the patient’s demographic details, main symptoms, history, important clinical findings, the main diagnosis, interventions, outcomes and follow-ups.	Page 2, Line 39-42	Abstract Results
	3c	Conclusion: summarize the main take-away lesson, clinical impact and potential implications.	Page 2, Line 49-54	Abstract Conclusions
Introduction	4	One or two paragraphs summarizing why this case is unique **(may include references)**	Page 3-4, Line 60-76	Introduction
Patient Information	5a	De-identified patient specific information	Page 4-5, Line 102-106	Results Case report
	5b	Primary concerns and symptoms of the patient	Page 4, Line 103	Results Case report
	5c	Medical, family, and psycho-social history including relevant genetic information	Page 4-5, Line 103-106	Results Case report
	5d	Relevant past interventions with outcomes	Page 5, Line 105	Results Case report
Clinical Findings	6	Describe significant physical examination (PE) and important clinical findings	Page 5, Line 107-108	Results Case report
Timeline	7	Historical and current information from this episode of care organized as a timeline	Page 5, Line 107-128	Results Case report
Diagnostic Assessment	8a	Diagnostic testing (such as PE, laboratory testing, imaging, surveys).	Page 5, Line 107-113	Results Case report
	8b	Diagnostic challenges (such as access to testing, financial, or cultural)	N/A No diagnosti	N/A No diagnosti
	8c	Diagnosis (including other diagnoses considered)	Page 5, Line 109-110	Results Case report
	8d	Prognosis (such as staging in oncology) where applicable	Page 5, Line 124	Results Case report
Therapeutic Intervention	9a	Types of therapeutic intervention (such as pharmacologic, surgical, preventive, self-care)	Page 5, Line 114-115 +	Results Case report
	9b	Administration of therapeutic intervention (such as dosage, strength, duration)	Page 5, Line 126-127	Results Case report
	9c	Changes in therapeutic intervention (with rationale)	N/A No changes occured	N/A No changes occured

Follow-up and Outcomes	10a	Clinician and patient-assessed outcomes (if available)	Page 5, Line 117-119	Results Case report
	10b	Important follow-up diagnostic and other test results	Page 5, Line 128	Results Case report
	10c	Intervention adherence and tolerability (How was this assessed?)	Page 5, Line 125-*127	Results Case report
	10d	Adverse and unanticipated events	Page 5, Line 127	Results Case report
Discussion	11a	A scientific discussion of the strengths AND limitations associated with this case report	Page 6, Line 138-155	Discussion
	11b	Discussion of the relevant medical literature **with references**	Page 6, Line 144-155	Discussion
	11c	The scientific rationale for any conclusions (including assessment of possible causes)	Page 6-7, Line 164-173	Discussion
	11d	The primary “take-away” lessons of this case report (without references) in a one paragraph conclusion	Page 7, Line 175-182	Discussion
Patient Perspective	12	The patient should share their perspective in one to two paragraphs on the treatment(s) they received	N/A No patient perspective	N/A No patient perspective
Informed Consent	13	Did the patient give informed consent? Please provide if requested	**Yes** ☑	**No** ☐

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