Section/item	ltem No	Recommendation	Reported on Page Number/Line Number	Reported on Section/Paragraph
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	Page1–3/Li ne1–53	Title page, Abstract
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page1-3/Li ne1-53	Title page, Abstract
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	Page4/Li ne75–98	Introduction/P1,2
Objectives	3	State specific objectives, including any prespecified hypotheses	Page4/Li ne99–103	Introduction/P2
Methods				
Study design	4	Present key elements of study design early in the paper	Page5/Li ne106–118	Met hods/P1
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Page5, 6/Li ne106–151	Net hods/P1-3
Participants	6	 (a) <i>Cohort study</i>—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up <i>Case-control study</i>—Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls <i>Cross-sectional study</i>—Give the eligibility criteria, and the sources and methods of selection of participants 	Page5, 6/Li ne106–151	Net hods/P1-3
		(b) Cohort study —For matched studies, give matching criteria and number of exposed and unexposed Case-control study —For matched studies, give matching criteria and the number of controls per case	Page5, 6/Li ne106–118	Net hods/P1
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Page5, 6/Li ne119–138	Met hods/P2
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	Page5, 6/Li ne119–138	Met hods/P2
Bias	9	Describe any efforts to address potential sources of bias	Page5, 6/Li ne119–138	Met hods/P2
Study size	10	Explain how the study size was arrived at	Page5, 6/Li ne119–138	Met hods/P2
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Page5, 6/Li ne119–138	Met hods/P2

STROBE Statement-checklist of items that should be included in reports of observational studies

Net hods/P4 Net hods/P4 Net hods/P1 Net hods/P3
Net hods/P1 Net hods/P3
Net hods/P3
NA
Results/P1
Results/P2-5
Results/P2-5
cohort study
cohort study
Results/P2-5
Results/P1
Results/P4
Results/P5,6
Di scussi on/P3

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Page9–12/Li ne239–329	Di scussi on/P1-7				
Generalisability	21	Discuss the generalisability (external validity) of the study results	Page11, 12/Li ne290–317	Di scussi on/P5, 6				
Other information								
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	Page13/Li ne343-344	Acknowledgenent				

*Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.

Article information: https://dx.doi.org/10.21037/jtd-23-552

*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.