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

Section/item	Item 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	P1, Line 1-2	Title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	P1-2, Line 4-27	Abstract /para. 1-4
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	P1, Line 5-10	Introduction /para. 1/
Objectives	3	State specific objectives, including any prespecified hypotheses	P3, Line 47-50	Introduction / para. 1
Methods				
Study design	4	Present key elements of study design early in the paper	P3,Line 43-47	Introduction / para. 1
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	P3-4,Line 52-65	Methods / para. 1-4
Participants	6	(a) Cohort study —Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up Case-control study —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 Cross-sectional study —Give the eligibility criteria, and the sources and methods of selection of participants	P3-4,Line 52-65	Methods / para. 1-4
		(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	P3,Line57-59	Methods / para. 2-5
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	P3-5, Line 57-83	Methods / para. 2-5
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	P4-5, Line 67-83	Methods / para. 5
Bias	9	Describe any efforts to address potential sources of bias	P3-4, Line 60-65	Methods / para. 3-4
Study size	10	Explain how the study size was arrived at	P3, Line 53-56	Methods / para. 1
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	P4, Line 77-79	Methods / para. 5

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Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	P8-9, Line155-172	Discussion /para. 4-5				
Generalisability	21	Discuss the generalisability (external validity) of the study results	P9, Line 173-191	Discussion /para. 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	N/A	N/A				

^{*}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: http://dx.doi.org/10.21037/tcr-20-888

^{*}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.