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	1-2	Abstract
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	1-2	Abstract
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	2-3	Introduction
Objectives	3	State specific objectives, including any prespecified hypotheses	2-3	Introduction
Methods				
Study design	4	Present key elements of study design early in the paper	3-5	Methods
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	3-5	Methods
Participants	6	<ul> <li>(a) Cohort study – Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up</li> <li>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</li> <li>Cross-sectional study – Give the eligibility criteria, and the sources and methods of selection of participants</li> </ul>	3-5	Methods
		(b) <b>Cohort study</b> —For matched studies, give matching criteria and number of exposed and unexposed <b>Case-control study</b> —For matched studies, give matching criteria and the number of controls per case	3-5	Methods
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	3-5	Methods
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	3-5	Methods
Bias	9	Describe any efforts to address potential sources of bias	3-5	Methods
Study size	10	Explain how the study size was arrived at	3-5	Methods
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	3-5	Methods

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

Methods         Methods         Methods         Methods         Methods         Methods
Methods Methods
Methods
Methods
Results
Discussion
Discussion

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	6-7	Discussion				
Generalisability	21	Discuss the generalisability (external validity) of the study results	6-7	Discussion				
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	7	Funding				

\*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/tlcr-20-273

\*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.