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	line3-4	Title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	line32-44	Abstract
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	line55-72	Introduction/paragraph 1
Objectives	3	State specific objectives, including any prespecified hypotheses	line 73-77	Introduction/paragraph 2
Methods				
Study design	4	Present key elements of study design early in the paper	line81-92	Methods/paragraph 1
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	line98-112	Methods/paragraph 2
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 	line98-112	Methods/paragraph 2
		(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	N/A	N/A
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	line114-123	Methods/paragraph 3
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	N/A	N/A
Bias	9	Describe any efforts to address potential sources of bias	line114-123	Methods/paragraph 3
Study size	10	Explain how the study size was arrived at	N/A	N/A
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	line125-134	Methods/paragraph 4

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

12	(a) Describe all statistical methods, including those used to control for confounding	line125-134	Methods/paragraph 4
	(b) Describe any methods used to examine subgroups and interactions	line125-134	Methods/paragraph 4
	(c) Explain how missing data were addressed	line125-134	Methods/paragraph 4
	(d) Cohort study —If applicable, explain how loss to follow-up was addressed Case-control study —If applicable, explain how matching of cases and controls was addressed Cross-sectional study —If applicable, describe analytical methods taking account of sampling strategy	N/A	N/A
	(e) Describe any sensitivity analyses	N/A	N/A
13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	line137-141	Results/paragraph 1
	(b) Give reasons for non-participation at each stage	line142-149	Results/paragraph 2
	(c) Consider use of a flow diagram	N/A	N/A
14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	line137-141	Results/paragraph 1
	(b) Indicate number of participants with missing data for each variable of interest	N/A	N/A
	(c) Cohort study —Summarise follow-up time (eg, average and total amount)	line137-141	Results/paragraph 1
15*	Cohort study – Report numbers of outcome events or summary measures over time	line137-141	Results/paragraph 1
	Case-control study – Report numbers in each exposure category, or summary measures of exposure	N/A	N/A
	Cross-sectional study – Report numbers of outcome events or summary measures	N/A	N/A
16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	line150-514	Results/paragraph 3
	(b) Report category boundaries when continuous variables were categorized	N/A	N/A
	(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A	N/A
17	Report other analyses done-eg analyses of subgroups and interactions, and sensitivity analyses	N/A	N/A
18	Summarise key results with reference to study objectives	line162-171	Discussion/paragraph 1
19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction	line234-240	Discussion/paragraph 6
	13* 14* 15* 16 17 18	13* (a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study.completing follow-up, and analysed 13* (a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed (b) Give reasons for non-participation at each stage (c) Consider use of a flow diagram 14* (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders (c) Cohort study—Report numbers of outcome events or summary measures over time Case-control study—Report numbers of outcome events or summary measures 16 (a) Give unadjusted estimates and, if applicable, confounder-adjusted for and why they were included (b) Indicate number of participants with misers of outcome events or summary measures (c) Cohort study—Report numbers of outcome events or summary measures 16 (a) Give unadjusted estimates and, if applicable, confounder-adjusted for and why they were included (b) Report category boundaries when continuous variables were categorized (c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period 17 Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	(a) Describe any methods used to examine subgroups and interactions line125-134 (b) Describe any methods used to examine subgroups and interactions line125-134 (c) Explain how missing data were addressed line125-134 (c) Explain how missing data were addressed line125-134 (c) Explain how missing data were addressed N/A Case-control study—If applicable, explain how matching of cases and controls was addressed N/A (c) Explain bar study—If applicable, explain how matching of cases and controls was addressed N/A (a) Report numbers of individuals at each stage of study—eq numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed line137-141 (b) Give reasons for non-participation at each stage line137-141 line137-141 (c) Consider use of a flow diagram N/A line137-141 (b) Indicate number of participants (eg demographic, clinical, social) and information on exposures and line137-141 line137-141 15* Cohort study—Report numbers of outcome events or summary measures over time line137-141 15* Cohort study—Report numbers of outcome events or summary measures of exposure N/A 16 (a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	line226-233	Discussion/paragraph 5			
Generalisability	21	Discuss the generalisability (external validity) of the study results	line208-225	Discussion/paragraph 4			
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.

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*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.