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 /Line1	Title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page1-2/Line20-59	Abstract
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	Page3/Line62-84	Intro/Paragraph1-2
Objectives	3	State specific objectives, including any prespecified hypotheses	Page3/Line84-86	Intro/Paragraph2
Methods				
Study design	4	Present key elements of study design early in the paper	Page3-4/Line89-112	Methods/Paragraph1-3
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Page3-4/Line89-112	Methods/Paragraph1-3
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>	Page3-4/Line9098	Methods/Paragraph1
		(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	N/A	N/A
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Page3-4/Line90-98	Methods/Paragraph1
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	Page3-4/Line90-119	Methods/Paragraph1-5
Bias	9	Describe any efforts to address potential sources of bias	Page3-4/Line90-119	Methods/Paragraph1-5
Study size	10	Explain how the study size was arrived at	Page3-4/Line90-119	Methods/Paragraph1-5
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Page3-4/Line90-119	Methods/Paragraph1-5

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

1		1	Î.
12	(a) Describe all statistical methods, including those used to control for confounding	Page3-4/Line90-119	Methods/Paragraph1-5
	(b) Describe any methods used to examine subgroups and interactions	Page3-4/Line90-119	Methods/Paragraph1-5
	(c) Explain how missing data were addressed	Page3-4/Line90-119	Methods/Paragraph1-5
	(d) <b>Cohort study</b> —If applicable, explain how loss to follow-up was addressed <b>Case-control study</b> —If applicable, explain how matching of cases and controls was addressed <b>Cross-sectional study</b> —If applicable, describe analytical methods taking account of sampling strategy	Page3-4/Line90-119	Methods/Paragraph1-5
	(e) Describe any sensitivity analyses	Page3-4/Line90-119	Methods/Paragraph1-5
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	Page5/Line122-125	Results/Paragraph1
	(b) Give reasons for non-participation at each stage	N/A	N/A
	(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	Page5-1 5/Line1 22-1 96	Results/Paragraph1-9
	(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)	N/A	N/A
15*	Cohort study – Report numbers of outcome events or summary measures over time	N/A	N/A
	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	Page5-1 5/Line1 22-1 96	Results/Paragraph1-9
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	Page5-1 5/Line1 22-1 96	Results/Paragraph1-9
	(b) Report category boundaries when continuous variables were categorized	Page5-15/Line122-196	Results/Paragraph1-9
	(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	Page5-15/Line122-196	Results/Paragraph1-9
17	Report other analyses done-eg analyses of subgroups and interactions, and sensitivity analyses	Page5-1 5/Line1 22-1 96	Results/Paragraph1-9
			·
18	Summarise key results with reference to study objectives	Page18/Line272-280	Conclusion
19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	Page17-18/Line266-269	Discussion/Paragraph6
	13* 14* 15* 16 17 18	(b) Describe any methods used to examine subgroups and interactions         (c) Explain how missing data were addressed         (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         Case-control study – If applicable, explain how matching of cases and controls was addressed         Case-control study – If applicable, explain how matching of cases and controls was addressed         Case-control study – If applicable, explain how matching of cases and controls was addressed         (e) Describe any sensitivity analyses         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 – Summarise follow-up time (eg, average and total amount)         15*       Cohort study – Report numbers of outcome events or summary measures of exposure         Cross-sectional study – Report numbers of outcome events or summary measures         16       (a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which contounders were adjusted for and why they were	(b) Describe any methods used to examine subgroups and interactions         Page3.4/Line90.119           (c) Explain how missing data were addressed         Page3.4/Line90.119           (d) Cohort study—If applicable, explain how loss to follow-up was addressed         Page3.4/Line90.119           (d) Cohort study—If applicable, explain how loss to follow-up was addressed         Page3.4/Line90.119           (e) Describe any sensitivity analyses         Page3.4/Line90.119           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         N/A           (b) Give reasons for non-participation at each stage         N/A         N/A           (c) Consider use of a flow diagram         N/A         N/A           (d) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and page5.15/Line122.496         Page5.15/Line122.496           (e) Cohort study—Summarise follow-up time (eg, average and total amount)         N/A         N/A           15*         Cohort study—Report numbers of outcome events or summary measures of exposure         N/A           16         Cohort study—Report numbers in each exposure category, or summary measures         Page5.15/Line122.496           16         (a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95%         Page5.15/Line

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Page15-17/Line199-265	Discussion/Para1-5			
Generalisability	21	Discuss the generalisability (external validity) of the study results	Page15-17/Line199-265	Discussion/Para1-5			
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	Page19/Line284-285	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.

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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.