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	Page 1/Line 1 to 3	Title and running title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page 1/Line 11 to 24	Abstract
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	Page 1 to 3/Line 29 to 44	Introduction/Paragraph 1 and 2
Objectives	3	State specific objectives, including any prespecified hypotheses	Page 3/Line 45 to 47	Introduction/Paragrap h 3
Methods				
Study design	4	Present key elements of study design early in the paper	Page 3 /Line 51 to 60	Material and Methods/ Paragraph
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Page 3 to 6/ Line 61 to 104	Material and Methods/ Paragraph 2 to 6
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 	Page 3/ Line 53 to 60	Material and Methods/ Paragraph
		(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	Page 3/ Line 55 to 58	Material and Methods/ Paragraph 1
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Page 3 to 6/ Line 61 to 104	Material and Methods/ Paragraph 2 to 6
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	Page 3 to 5/ Line 61 to 89	Material and Methods/ Paragraph 2 to 4
Bias	9	Describe any efforts to address potential sources of bias	Page 6/ Line 106 to 113	Material and Methods/ Paragraph 7 to 8
Study size	10	Explain how the study size was arrived at	Page 3 /Line 51 to 60	Material and Methods/ Paragraph 1

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

Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	8	Material and Methods/ Paragraph 7
				to 8

Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	Page 6/ Line 105 to 118	Material and Methods/ Paragraph 7 to 8
		(b) Describe any methods used to examine subgroups and interactions	Page 6/ Line 105 to 118	Material and Methods/ Paragraph 7 to 8
		(c) Explain how missing data were addressed	Page 5/ Line 91 to 97	Material and Methods/ Paragraph 5
		(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	Page 6/ Line 106 to 113	Material and Methods/ Paragraph 7 to 8
		(e) Describe any sensitivity analyses	Page 6/ Line 114 to 118	Material and Methods/ Paragraph 9
Results				
Participants	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	Page 6 to 7/ Line 121 to 138	Results/Paragraph 1
		(b) Give reasons for non-participation at each stage	Page 6 to 7/ Line 121 to 138	Results/Paragraph 1
		(c) Consider use of a flow diagram	Page 6 to 7/ Line 121 to 138	Results/ Paragrah 1(Figure 1 and Supplement figure 1)
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Page 6 to 7/ Line 121 to 138	Results/Paragraph 1 (table 1)
		(b) Indicate number of participants with missing data for each variable of interest	Page 6 to 7/ Line 121 to 138	Results/ Paragrah 1(Figure 1 and Supplement figure 1)
		(c) Cohort study —Summarise follow-up time (eg, average and total amount)	Page 7 to 9/ Line 139 to 173	Results/Paragraph 2 to 4 (Figure 1 to 4)
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	The article is the case-control study.	Results/Paragraph 2 to 4 (Figure 1 to 4)
		Case-control study—Report numbers in ecach exposure category, or summary measures of exposure	Page 7 to 9/ Line 139 to 173	Results/Paragraph 2 to 4 (Figure 1 to 4)
		Cross-sectional study—Report numbers of outcome events or summary measures	The article is the case-control study.	Results/Paragraph 2 to 4 (Figure 1 to 4)
Main results	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	Page 7 to 9/ Line 139 to 173	

		(b) report dategory boundarios minin continuedo variables nore dategorized	Page 7 to 9/ Line 139 to 173	Results/Paragraph 2 to 4 (Figure 1 to 4)	
		(c) in relevant, consider translating estimates of relative not into absolute not for a meaningful time period	Page 7 to 9/ Line 139 to 173	Results/Paragraph 2 to 4 (Figure 1 to 4)	
Other analyses	17	report error analyces dono - og analyces er subgroupe and interactions, and concirinty analyces	Page 8 to 9/ Line 156 to 173	Results/Paragraph 3 to 4	
Discussion	Discussion				
Key results	18		° .	Discussion/Paragraph 1 to 4	
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	Page 12/ Line 234 to 237	Discussion/Paragraph 5	

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Page 12/ Line 238 to 245	Discussion/Paragraph 6
Generalisability	21	Discuss the generalisability (external validity) of the study results	Page 12/ Line 238 to 245	Discussion/Paragraph 6
Other information	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	Page 14/ Line 267 to 274	Funding/Paragraph 1

*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.