STROBE Statement—Checklist of items that should be included in reports of *cohort studies*

	Item No	Recommendation	Page in study
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the	1
		abstract	
		(b) Provide in the abstract an informative and balanced summary of what was	2-3
		done and what was found	
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being	4-5
		reported	
Objectives	3	State specific objectives, including any prespecified hypotheses	5
Methods			
Study design	4	Present key elements of study design early in the paper	5
Setting	5	Describe the setting, locations, and relevant dates, including periods of	5-6
		recruitment, exposure, follow-up, and data collection	
Participants	6	(a) Give the eligibility criteria, and the sources and methods of selection of	6-7
		participants. Describe methods of follow-up	
		(b) For matched studies, give matching criteria and number of exposed and	7
		unexposed	
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and	7-9
		effect modifiers. Give diagnostic criteria, if applicable	
Data sources/	8*	For each variable of interest, give sources of data and details of methods of	5-6
measurement		assessment (measurement). Describe comparability of assessment methods if	
		there is more than one group	
Bias	9	Describe any efforts to address potential sources of bias	7-9
Study size	10	Explain how the study size was arrived at	6-7
Quantitative	11	Explain how quantitative variables were handled in the analyses. If applicable,	8-10
variables		describe which groupings were chosen and why	
Statistical methods	12	(a) Describe all statistical methods, including those used to control for	8-10
		confounding	
		(b) Describe any methods used to examine subgroups and interactions	9-10
		(c) Explain how missing data were addressed	NA
		(d) If applicable, explain how loss to follow-up was addressed	NA
		(e) Describe any sensitivity analyses	NA
Results			
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers	10
		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	NA
		(c) Consider use of a flow diagram	NA
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social)	10,24
		and information on exposures and potential confounders	
		(b) Indicate number of participants with missing data for each variable of	24
		interest	
		(c) Summarise follow-up time (eg, average and total amount)	10
		· · · · · · · · · · · · · · · · · · ·	1

16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted	10-
	estimates and their precision (eg, 95% confidence interval). Make clear	12,26,27,29
	which confounders were adjusted for and why they were included	
	(b) Report category boundaries when continuous variables were	24,26,28,29
	categorized	
	(c) If relevant, consider translating estimates of relative risk into absolute	NA
	risk for a meaningful time period	
17	Report other analyses done—eg analyses of subgroups and interactions,	11,12,31,33
	and sensitivity analyses	
18	Summarise key results with reference to study objectives	12
19	Discuss limitations of the study, taking into account sources of potential	14-5
	bias or imprecision. Discuss both direction and magnitude of any	
	potential bias	
20	Give a cautious overall interpretation of results considering objectives,	12-14
	limitations, multiplicity of analyses, results from similar studies, and other	
	relevant evidence	
21	Discuss the generalisability (external validity) of the study results	12-13
22	Give the source of funding and the role of the funders for the present	16
	study and, if applicable, for the original study on which the present article	
	is based	
	17 18 19 20	estimates and their precision (eg, 95% confidence interval). Make clear which confounders were 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 18 Summarise key results with reference to study objectives 19 Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias 20 Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence 21 Discuss the generalisability (external validity) of the study results 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

^{*}Give information separately for exposed and unexposed groups.

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 http://www.strobe-statement.org.