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

	No	Recommendations	Page number
Title and abstract	**1**	(*a*) Indicate the study's design with a commonly used term in the title or the abstract (*b*) Provide in the abstract an informative and balanced summary of what was done and what was found	**1-2**
Introduction			
Background/rationale	**2**	Explain the scientific background and rationale for the investigation being reported	**5-6**
Objectives	**3**	State specific objectives, including any prespecified hypotheses	
Methods			
Study design	**4**	Present key elements of study design early in the paper	**6**
Setting	**5**	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	**7**
Participants	**6**	(*a*) Give the eligibility criteria, and the sources and methods of selection of participants	**7**
Variables	**7**	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	**7-10**
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	**8-10**
Bias	**9**	Describe any efforts to address potential sources of bias	**10**
Study size	**10**	Explain how the study size was arrived at	**7**
Quantitative variables	**11**	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	**8-9**
Statistical methods	**12**	(*a*) Describe all statistical methods, including those used to control for confounding	**10**
		(*b*) Describe any methods used to examine subgroups and interactions	**10**
		(*c*) Explain how missing data were addressed	**10**
		(*d*) If applicable, describe analytical methods taking account of sampling strategy	**10**
		(*e*) Describe any sensitivity analyses	**10**
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 (b) Give reasons for non-participation at each stage (c) Consider use of a flow diagram	**10**
Descriptive statistics	**14***	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders (b) Indicate number of participants with missing data for each variable of interest	**10**
Outcome data	**15***	Report numbers of outcome events or summary measures	**10**
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 (*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	**11-12**
Other analyses	**17**	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	**11-12**
Discussion			
Key results	**18**	Summarize key results with reference to study objectives	**13-18**
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.	**17**
Interpretations	**20**	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results fro, similar studies and other relevant evidence	**18-19**
Generalizability	**21**	Discuss the generalizability (external validity) of the study results	**19**
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 bases	**19**