

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

	Item No.	Recommendation	Page No.	Relevant text from manuscript
Title and abstract	1	(a) Indicate the study design with a commonly used term in the title or the abstract	Title/Abstract, p.1	Prospective cohort study
	1	(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Abstract, p.1	Reported: Background, Methods, Results and Conclusions.
Introduction				
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	Introduction, p.1-2	Reported.
Objectives	3	State specific objectives, including any prespecified hypotheses	Introduction, p.2	Reported.
Methods				
Study design	4	Present key elements of study design early in the paper	Materials and Methods, p.2	Reported.
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Materials and Methods, p.2-3	Reported.
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 (b) <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 (c) <i>Cross-sectional study</i> - Give the eligibility criteria, and the sources and methods of selection of participants	Materials and Methods, p.2-3	Reported.
	6	(b) <i>Cohort study</i> - For matched studies, give matching criteria and number of exposed and unexposed (c) <i>Case-control study</i> - For matched studies, give matching criteria and the number of controls per case	N/A	This was not a matched study.
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Materials and Methods, p.2-3	Reported.
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	Materials and Methods, p.2-3	Reported.
Bias	9	Describe any efforts to address potential sources of bias	Materials and Methods, p.2	Reported.
Study size	10	Explain how the study size was arrived at	Materials and Methods, p.2	Reported.
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Statistical Analysis, p.3	Reported.
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	Statistical Analysis, p.3	Reported.
	12	(b) Describe any methods used to examine subgroups and interactions	Statistical Analysis, p.3	Reported.
	12	(c) Explain how missing data were addressed	Materials and Methods, p.2	Reported.
	12	(d) <i>Cohort study</i> - If applicable, explain how loss to follow-up was addressed (e) <i>Case-control study</i> - If applicable, explain how matching of cases and controls was addressed (f) <i>Cross-sectional study</i> - If applicable, describe analytical methods taking account of sampling strategy	Materials and Methods, p.2-3	Reported.
	12	(e) Describe any sensitivity analyses	N/A	Not performed.
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	Materials and Methods/Results, p.2-3	Reported.
	13*	(b) Give reasons for non-participation at each stage	Materials and Methods, p.2	Reported.
	13*	(c) Consider use of a flow diagram	N/A	Not performed.
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Results, p.3-6	Reported.
	14*	(b) Indicate number of participants with missing data for each variable of interest	N/A	Not performed.
	14*	(c) <i>Cohort study</i> - Summarise follow-up time (eg, average and total amount)	Materials and Methods/Results, p.3	Reported.

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Outcome data	15*	<i>Cohort study</i> - Report numbers of outcome events or summary measures over time <i>Case-control study</i> - Report numbers in each exposure category, or summary measures of exposure <i>Cross-sectional study</i> - Report numbers of outcome events or summary measures	Results, p.3, p.5-6	Reported.
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	Results, p.5-6	Reported.
	16	(b) Report category boundaries when continuous variables were categorized	Results, p.3-6	Reported.
	16	(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A	Not performed.
Other analyses	17	Report other analyses done - eg analyses of subgroups and interactions, and sensitivity analyses	Results, p.3-7	Reported.
Discussion				
Key results	18	Summarise key results with reference to study objectives	Discussion, p.4-8	Reported.
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	Limitations, p.8	Reported.
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Discussion/Conclusions, p.8	Reported.
Generalisability	21	Discuss the generalisability (external validity) of the study results	Limitations, p.8	Reported.
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	Funding, p.8	Reported.

*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. Information on the STROBE Initiative is available at www.strobe-statement.org.