

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

Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract.	<input checked="" type="checkbox"/>
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found.	<input checked="" type="checkbox"/>
Introduction			<input checked="" type="checkbox"/>
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported.	<input checked="" type="checkbox"/>
Objectives	3	State specific objectives, including any prespecified hypotheses.	<input checked="" type="checkbox"/>
Methods			
Study design	4	Present key elements of study design early in the paper.	<input checked="" type="checkbox"/>
	5	Describe the setting, locations, and relevant dates, including periods of recruitment, and data collection.	<input checked="" type="checkbox"/>
Participants	6	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.	<input checked="" type="checkbox"/>
Variables	7	Clearly define all outcomes, and effect modifiers, Diagnostic criteria are provided. Give diagnostic criteria.	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>
Bias	9	Describe any efforts to address potential sources of bias.	<input checked="" type="checkbox"/>
Study size	10	Explain how the study size was arrived at.	<input checked="" type="checkbox"/>
Quantitative variables	11	Explain how quantitative variables were handled in the analyses.	<input checked="" type="checkbox"/>
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding.	<input checked="" type="checkbox"/>
		(b) Describe any methods used to examine subgroups and interactions.	<input checked="" type="checkbox"/>
		(c) Explain how missing data were addressed.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
		(b) Give reasons for non-participation at each stage.	<input checked="" type="checkbox"/>
		(c) Consider use of a flow diagram.	<input checked="" type="checkbox"/>

Results			
Descriptive data	14	(a) Characteristics of study participants (eg demographic, clinical, social).	<input checked="" type="checkbox"/>
		(b) Indicate number of participants with missing data for each variable of interest	<input checked="" type="checkbox"/>
Outcome data	15	Case-control study-Report numbers in each exposure category, or summary measures of exposure.	<input checked="" type="checkbox"/>
Main results	16	(a) Report category boundaries when continuous variables were categorized.	<input checked="" type="checkbox"/>
Other analyses	17	Report other analyses done- eg analyses of subgroups and interactions, and sensitivity analyses.	<input checked="" type="checkbox"/>
Discussion			
Key results	18	Summarize key results with reference to study objectives	<input checked="" type="checkbox"/>
	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias.	<input checked="" type="checkbox"/>
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence.	<input checked="" type="checkbox"/>
Generalisability	21	Discuss the generalisability (external validity) of the study results.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>