

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

	Item 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	Full Title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page 3, line 40	Abstract
<b>Introduction</b>				
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	Page 6, line 94	Introduction
Objectives	3	State specific objectives, including any prespecified hypotheses	Page 7, line 117	Introduction
<b>Methods</b>				
Study design	4	Present key elements of study design early in the paper	Page 7, line 122	Materials and Methods => patients
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Page 7, line 122	Materials and Methods => patients
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 <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 <i>Cross-sectional study</i> —Give the eligibility criteria, and the sources and methods of selection of participants	Page, 7, line 122	Materials and Methods => patients
		(b) <i>Cohort study</i> —For matched studies, give matching criteria and number of exposed and unexposed <i>Case-control study</i> —For matched studies, give matching criteria and the number of controls per case	N/A	Cohort study without matching
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if	Page 10, line 191	Statistical methods

		applicable		
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 10, line 191	Statistical methods
Bias	9	Describe any efforts to address potential sources of bias	Page 10, line 191	Statistical methods
Study size	10	Explain how the study size was arrived at	N/A	Cohort study
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Page 9, line 181	Follow up
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	Page 10, line 191	Materials and Methods
		(b) Describe any methods used to examine subgroups and interactions	N/A	Not relevant
		(c) Explain how missing data were addressed	Page 11, line 222	Results
		(d) <i>Cohort study</i> —If applicable, explain how loss to follow-up was addressed <i>Case-control study</i> —If applicable, explain how matching of cases and controls was addressed <i>Cross-sectional study</i> —If applicable, describe analytical methods taking account of sampling strategy	Page 11, line 222	Results
		(e) Describe any sensitivity analyses	N/A	Not relevant

Continued on next page

<b>Results</b>				
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 11, line 217	Results
		(b) Give reasons for non-participation at each stage	Page 11, line 222	Results
		(c) Consider use of a flow diagram	N/A	Not relevant It is a very simple cohort study
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Page, 11, line 225 + table 1 + table 2	Results => tumors characteristics and dosimetric data
		(b) Indicate number of participants with missing data for each variable of interest	Page, 11, line 225 + table 1 + table 2	Results => tumors characteristics and dosimetric data
		(c) <i>Cohort study</i> —Summarise follow-up time (eg, average and total amount)	Page 11, line 223	Results
Outcome data	15*	<i>Cohort study</i> —Report numbers of outcome events or summary measures over time	Page 12, line 239 + figure 1 + figure 2	Results => local control, overall survival, and metastasis-free survival
		<i>Case-control study</i> —Report numbers in each exposure category, or summary measures of exposure	N/A	It is a cohort study
		<i>Cross-sectional study</i> —Report numbers of outcome events or summary measures	N/A	It is a cohort study
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 12, line 239 + figure 1 + figure 2	Results => local control, overall survival, and metastasis-free survival
		(b) Report category boundaries when continuous variables were categorized	N/A	Non relevant
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A	Not relevant
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	Page 12, line 2254	Results => toxicities
<b>Discussion</b>				
Key results	18	Summarise key results with reference to study objectives	Page 14, line 271	Discussion
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or	Page 15, line 312	Discussion

		imprecision. Discuss both direction and magnitude of any potential bias		
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Page 14, line 276	Discussion
Generalisability	21	Discuss the generalisability (external validity) of the study results	Page 16, line 339	Discussion
<b>Other information</b>				
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 18, line 359	Fundings

\*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](http://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.