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

	Item No	Recommendation	Location in study
Title and abstract	1	(*a*) Indicate the study's design with a commonly used term in the title or the abstract	Methods section in abstract
		(*b*) Provide in the abstract an informative and balanced summary of what was done and what was found	Method section in abstract
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	Last sentence of the 1st paragraph in the Introduction; last two sentences of the 2nd paragraph in the Introduction
Objectives	3	State specific objectives, including any prespecified hypotheses	Last sentence of the 2nd paragraph in the Introduction
Methods			
Study design	4	Present key elements of study design early in the paper	Study Design sub-section (2nd paragraph of Methods section)
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Setting sub-section (1st paragraph of Methods section)
Participants	6	(*a*) *Cohort study*—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up *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 *Cross-sectional study*—Give the eligibility criteria, and the sources and methods of selection of participants	Sub-sections 'Identification of patients with cancer or in remission (cases)' and 'Selection of non-cancer patients (controls)' (4th and 5th paragraphs of the Methods section)
		(*b*) *Cohort study*—For matched studies, give matching criteria and number of exposed and unexposed *Case-control study*—For matched studies, give matching criteria and the number of controls per case	Sub-section 'Matching of cases and controls' (6th paragraph of the Methods section)
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Outcomes (i.e. costs) described in 7th, 8th (patient-level costs) and 12th (national-level costs) paragraphs of the Methods section
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	Sub-section 'Data Sources' (3rd paragraph of Methods section)

		one group	
Bias	9	Describe any efforts to address potential sources of bias	Sub-section 'Matching of cases and controls' (6th paragraph of the Methods section)
Study size	10	Explain how the study size was arrived at	Sub-sections 'Identification of patients with cancer or in remission (cases)' and 'Selection of non-cancer patients (controls)' (4th and 5th paragraphs of the Methods section)
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Paragraph 13th of Methods section
Statistical methods	12	(*a*) Describe all statistical methods, including those used to control for confounding	Sub-sections 'Matching of cases and controls' (6th paragraph of the Methods section) and 'Calculation of patient-level net costs' (10th paragraph of Methods section)
		(*b*) Describe any methods used to examine subgroups and interactions	N/A
		(*c*) Explain how missing data were addressed	9th, 11th and 12th paragraphs of Methods section
		(*d*) *Cohort study*—If applicable, explain how loss to follow-up was addressed *Case-control study*—If applicable, explain how matching of cases and controls was addressed *Cross-sectional study*—If applicable, describe analytical methods taking account of sampling strategy	Sub-section 'Matching of cases and controls' (6th paragraph of the Methods section)
		(*e*) Describe any sensitivity analyses	7th paragraph of Methods section (more details in Appendix)
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	1st paragraph of Results section (further details in Appendix)
		(b) Give reasons for non-participation at each stage	4th and 5th paragraphs of Methods section (explains why some

			individuals were not included in the analysis)
		(c) Consider use of a flow diagram	
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	1st paragraph of Results section (further details in Appendix)
		(b) Indicate number of participants with missing data for each variable of interest	N/A
		(c) *Cohort study*—Summarise follow-up time (eg, average and total amount)	N/A
Outcome data	15*	*Cohort study*—Report numbers of outcome events or summary measures over time	N/A
		Case-control study—Report numbers in each exposure category, or summary measures of exposure	2nd and 3rd paragraphs of Results section
		Cross-sectional study—Report numbers of outcome events or summary measures	N/A
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	2nd and 3rd paragraphs of Results section
		(*b*) Report category boundaries when continuous variables were categorized	N/A
		(*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	Tables in Appendix
Discussion			
Key results	18	Summarise key results with reference to study objectives	1st paragraph of Interpretation section
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	7th to 9th paragraphs of Interpretation section
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	2nd to 5th paragraphs of Interpretation section
Generalisability	21	Discuss the generalisability (external validity) of the study results	8th paragraph of Interpretation section
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	Page 3 of the manuscript

*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.