Appendix 1. STROBE checklist for cohort studies

Topic	Item	Recommendation	Manu-script page(s)
Title and abstract			
Title and abstract	1(a)	Indicate the study's design with a commonly used term in the title or the abstract	2
Title and abstract	1(b)	Provide in the abstract an informative and balanced summary of what was done and what was found	1–2
Introduction			
Background and rationale	2	Explain the scientific background and rationale for the investigation being reported	2–3
Objectives	3	State specific objectives, including any prespecified hypotheses	3
Methods			
Study design	4	Present key elements of study design early in the paper	3
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	3–5
Participants	6(a)	Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up	4–5; 17
Participants	6(b)	For matched studies, give matching criteria and number of exposed and unexposed	Not applicable Unmatched study
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	4–6; 18–20
Data sources and 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 1 group	3–5
Bias	9	Describe any efforts to address potential sources of bias	4–6; 12–13
Study size	10	Explain how the study size was arrived at	4–5; 7; 17

Topic	Item	Recommendation	Manu-script page(s)
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	5–6; 18–19
Statistical methods	12(a)	Describe all statistical methods, including those used to control for confounding	5–6
Statistical methods	12(b)	Describe any methods used to examine subgroups and interactions	6
Statistical methods	12(c)	Explain how missing data were addressed	5–6; 18–19
Statistical methods	12(d)	If applicable, explain how loss to follow-up was addressed	5
Statistical methods	12(e)	Describe any sensitivity analyses	6
Results			
Participants	13(a)	Report numbers of individuals at each stage of study—e.g., numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analyzed	7; 17–19; 25–28
Participants	13(b)	Give reasons for non-participation at each stage	4–5; 7; 17
Participants	13(c)	Consider use of a flow diagram	17
Descriptive data	14(a)	Give characteristics of study participants (e.g., demographic, clinical, social) and information on exposures and potential confounders	7; 18–19
Descriptive data	14(b)	Indicate number of participants with missing data for each variable of interest	5; 17–18
Descriptive data	14(c)	Summarize follow-up time (e.g., average and total amount)	7; 18
Outcome data	15	Report numbers of outcome events or summary measures over time	8; 23; 25–28
Main results	16(a)	Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (e.g., 95% confidence interval). Make clear which confounders were adjusted for and why they were included	5–6; 8–10; 19–24
Main results	16(b)	Report category boundaries when continuous variables were categorized	5–6; 18–19

Topic	Item	Recommendation	Manu-script page(s)
Main results	16(c)	If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	25–28
Other analyses	17	Report other analyses done—e.g., analyses of subgroups and interactions, and sensitivity analyses	8–10; 19–24
Discussion			
Key results	18	Summarize key results with reference to study objectives	10–11; 13
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	12–13
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	10–13
Generalizability	21	Discuss the generalizability (external validity) of the study results	4; 12–13
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	7