**STROBE statement checklist**

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|  | **Item No** | **Recommendation** | **Response** |
| **Title and abstract**  | 1  | (a) Indicate the study’s design with a commonly used term in the title or the abstract  | Page 3 |
|  |  | (*b*) Provide in the abstract an informative and balanced summary of what was done and what was found | Page 3-4 |
| **Introduction** |  |  |  |
| Background/ rationale  | 2  | Explain the scientific background and rationale for the investigation being reported  | Page 5-6 |
| Objectives  | 3  | State specific objectives, including any prespecified hypotheses  | Page 5-6 |
| **Methods** |  |  |  |
| Study design  | 4  | Present key elements of study design early in the paper  | Page 7 |
| Setting  | 5  | Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection  | Page 7-8 |
| 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  | Page 7-8 |
|  |  | (*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 | Not applicable |
| Variables  | 7  | Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable  | Page 7-8 |
| 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 7-8 |
| Bias  | 9  | Describe any efforts to address potential sources of bias  | Page 7-8 |
| Study size  | 10  | Explain how the study size was arrived at  | Not applicable |
| Quantitative variables  | 11  | Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why  | Page 10 |
| Statistical methods  | 12  | (a) Describe all statistical methods, including those used to control for confounding  | Page 8 |
|  |  | (b) Describe any methods used to examine subgroups and interactions  | Not applicable |
|  |  | (c) Explain how missing data were addressed  | Page 7 |
|  |  | (*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  | Not applicable |
|  |  | (*e*) Describe any sensitivity analyses  | Not applicable |
| 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 10 |
|  |  | (b) Give reasons for non-participation at each stage  | Page 10 |
|  |  | (c) Consider use of a flow diagram  | Information given in Page 10 |
| Descriptive data  | 14 | (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders  | Table 2, Page 26 |
|  |  | (b) Indicate number of participants with missing data for each variable of interest  | Table 3, Page 27 |
|  |  | (c) *Cohort study*—Summarise follow-up time (eg, average and total amount)  | Page 7 |
| Outcome data  | 15 | *Cohort study*—Report numbers of outcome events or summary measures over time  | Table 3, Page 27 |
|  |  | *Case-control study—*Report numbers in each exposure category, or summary measures of exposure  | Not applicable |
|  |  | *Cross-sectional study—*Report numbers of outcome events or summary measures  | Not applicable |
| 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  | Not applicable |
|  |  | (b) Report category boundaries when continuous variables were categorized  | Not applicable |
|  |  | (*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period  | Not applicable |
| Other analyses  | 17  | Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses  | Not applicable |
| **Discussion** |  |  |  |
| Key results  | 18  | Summarise key results with reference to study objectives  | Page 12 |
| 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  | Page 14-15 |
| Interpretation  | 20  | Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence  | Page 12-14 |
| Generalisability  | 21  | Discuss the generalisability (external validity) of the study results  | Page 14-15 |
| **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  | Not applicable |