

The authors declare that the STROBE statement was followed in the article entitled “Subclinical carotid atherosclerosis predicts all-cause mortality and cardiovascular events in obese patients with negative exercise echocardiography”

STROBE Statement—Checklist of items that should be included in reports of *cohort studies*

| Item No | | Recommendation |
|---------------------------|----|--|
| Title and abstract | 1 | (a) Indicate the study’s design with a commonly used term in the title or the abstract Page 1 line 6 -7 (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 3-4 |
| Objectives | 3 | State specific objectives, including any prespecified hypotheses Page 5 lines 25-26 & Page 6 Lines 1-5 |
| Methods | | |
| Study design | 4 | Present key elements of study design early in the paper Page 6 |
| Setting | 5 | Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection Page 6-8 |
| Participants | 6 | (a) Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up Page 7-8 (b) For matched studies, give matching criteria and number of exposed and unexposed Page 8 |
| Variables | 7 | Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable Page 6-8 |
| 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 6-8 |
| 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 Page 6 |
| Quantitative variables | 11 | Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why Page 7-8 |
| 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 Page 8 (c) Explain how missing data were addressed N/a (d) If applicable, explain how loss to follow-up was addressed N/a (e) Describe any sensitivity analyses Page 7-8 |

| 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 Page 8-9 (b) Give reasons for non-participation at each stage Page 8-13 (c) Consider use of a flow diagram N/a |
| Descriptive data | 14 * | (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders Table 1-6 (b) Indicate number of participants with missing data for each variable of interest N/a (c) Summarise follow-up time (eg, average and total amount) N/a |
| Outcome data | 15 * | Report numbers of outcome events or summary measures over time Page 9-13 |
| 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 N/a (b) Report category boundaries when continuous variables were categorized Table 3 (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 Page 9-13 |
| Discussion | | |
| Key results | 18 | Summarise key results with reference to study objectives Page 13-17 |
| 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 |
| Interpretation | 20 | Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence Page 13-17 |
| Generalisability | 21 | Discuss the generalisability (external validity) of the study results Page 17-18 |
| 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 N/a |

*Give information separately for exposed and unexposed groups.