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

Section/item	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 5	Title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page 3 Line 58-67	Abstract(Methods and
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	Page 4-5 Line 134-182	Background
Objectives	3	State specific objectives, including any prespecified hypotheses	This is an observational	No need for prespecified
Methods				
Study design	4	Present key elements of study design early in the paper	Line 207-270	Methods section
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Please refer to Figure 1	Figure 1 has all the required information
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	Line 208-223	Supplementary Table 1, Methods (2.1 patients)
		(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	There is no matched study	There is no matched study
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Line 207-270	Methods (2.1, 2.2, 2.3, 2.5)
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	Please see the tables and supplementary materials	Table 1, Supplementary Table 1,2,3,4,
Bias	9	Describe any efforts to address potential sources of bias	Line 406-409	Discussion section
Study size	10	Explain how the study size was arrived at	Line 5	Title (single-center,
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Line 235-241	Methods (2.6)

Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	Line 235-241	Methods (2.6)
		(b) Describe any methods used to examine subgroups and interactions	Line 235-241	Methods (2.6)
		(c) Explain how missing data were addressed	Missing data were not	included in the analysis.
		(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	These situations were not applicable	These situations were not applicable
		(e) Describe any sensitivity analyses	This is a descriptive study.	There is no sensitivity
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	Line 351	Table 1 (for each indicator, individual
		(b) Give reasons for non-participation at each stage	Patients did take all the	Patients did take all the
		(c) Consider use of a flow diagram	Not considered in this	Not considered in this
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Supplementary Table 1	Supplementary Table 1
		(b) Indicate number of participants with missing data for each variable of interest	Line 375	Table 1
		(c) ***Cohort study***—Summarise follow-up time (eg, average and total amount)	Specified in	Specified in
Outcome data	15*	***Cohort study***—Report numbers of outcome events or summary measures over time	Line 375	Table 1, Supplementary
		Case-control study—Report numbers in each exposure category, or summary measures of exposure	Line 375	Table 1, Supplementary
		Cross-sectional study—Report numbers of outcome events or summary measures	Line 375	Table 1
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	Not applicable
		(b) Report category boundaries when continuous variables were categorized	No continuous variables	No continuous variables
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	Not relevant	Not relevant
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	This is only a descriptive	This is only a descriptive
Discussion				
Key results	18	Summarise key results with reference to study objectives	Line 427-440	Conclusions 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	Line 380-426	Discussion section

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Page 16-17 Line 356-402	Discussion
Generalisability	21	Discuss the generalisability (external validity) of the study results	Page 16-17 Line 356-402	Discussion
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 18 Line 420-421	Funding statement (No funding available)

*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.

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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.