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	1	A single-center,
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	1	The aim of this study is to
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	2	Recently, Neutrophil-to-lymphocyte
Objectives	3	State specific objectives, including any prespecified hypotheses	3	The aim of this study is to
Methods				
Study design	4	Present key elements of study design early in the paper	4	The aim of this study is to
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	4-5	Setting 5 Describe the setting, locations, and
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	4-5	Participants 6 (a) Cohort study—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up
		(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	5	(b) Cohort study—For matched studies, give
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	4-5	For this study only SSIs with extra-abdominal
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	4	Data sources/ measurement 8* For each
Bias	9	Describe any efforts to address potential sources of bias	5	Biases were inherent to the
Study size	10	Explain how the study size was arrived at	5	All consecutive patients
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	5	To check whether variables were normally

Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding		
		(b) Describe any methods used to examine subgroups and interactions	5	Odds ratios (OR) were
		(c) Explain how missing data were addressed	5	Patients with data missed
		(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	5	Discrete variables were expressed as frequency and percentage, and were analyzed by Chi-square
		(e) Describe any sensitivity analyses	5-6	Sensitivity and specificity
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	6	A total of 1136 patients (710 males and 426
		(b) Give reasons for non-participation at each stage	6	Exclusion criteria
		(c) Consider use of a flow diagram	6	Not applicable
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	6	Demographic data, time since symptom onset,
		(b) Indicate number of participants with missing data for each variable of interest	6	A total of 1136 patients
		(c) ***Cohort study***—Summarise follow-up time (eg, average and total amount)		Not applicable
Outcome data	15*	***Cohort study***—Report numbers of outcome events or summary measures over time		Not applicable
		Case-control study—Report numbers in each exposure category, or summary measures of exposure	6	Time since symptoms
		Cross-sectional study—Report numbers of outcome events or summary measures		
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	6	Main results are described in Tables 1-3.
		(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	6	When performing
Discussion				
Key results	18	Summarise key results with reference to study objectives	8	This study is the first to
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	8	This study has several limitations, mainly

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	8	Although the substantial sample size of this study
Generalisability	21	Discuss the generalisability (external validity) of the study results	8-9	One of the main
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	Title page	No funding was reported

*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.