## Leprosy Reactions: The Predictive Value of Mycobacterium leprae-Specific Serology Evaluated in a Brazilian Cohort of Leprosy Patients (U-MDT/CT-BR)

## STROBE Statement form

Title and abstract         1         (a) Indicate the study's design with a commonly used term in the title or the abstract to the abstract an informative and balanced summary of what was done and what was found         23-52           Introduction         Background/rationale         2         Explain the scientific background and rationale for the investigation being reported         126-135           Objectives         3         State specific objectives, including any prespecified hypotheses         129-132           Methods           Setting         4         Present key elements of study design early in the paper         126-135           Setting         5         Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection         138-149           Participants         6         (a) Give the eligibility criteria, and the sources and methods of case ascertainment and controls selection. Give the rationale for the choice of cases and controls         150-156           Variables         7         Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable         142-149           Variables         8*         For each variable of interest, give sources of data and details of methods and effect modifiers. Give diagnostic criteria, if applicable         173-206           Bias         9         Describe any efforts to address potential sources of bias <t< th=""><th></th><th>Item No</th><th>Recommendation</th><th>Lines</th></t<>		Item No	Recommendation	Lines
(b) Provide in the abstract an informative and balanced summary of what was done and what was found   23-52	Title and abstract	1	•	
Describe and controls   Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable measurement   173-206   173-172			(b) Provide in the abstract an informative and balanced summary of what	23-52
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			(c) Consider use of a flow diagram	
Descriptive data		14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	157-166
			(b) Indicate number of participants with missing data for each variable of interest	Not Applicable
Outcome data		15*	Report numbers in each exposure category, or summary measures of exposure	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	318-333, 342-354, 363-375
			(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses		
Discussion				
Key results	18	Summarise key results with reference to study objectives		
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		
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence		
Generalisability	21	Discus	ss the generalisability (external validity) of the study results	522-528
Other information	n			
Funding	22		he source of funding and the role of the funders for the present study and, icable, for the original study on which the present article is based	At Plos NTD form

<sup>\*</sup>Give information separately for cases and controls.