STROBE Statement—Checklist of items that should be included in reports of ***cross-sectional studies***

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|  | Item No | Recommendation |
| **Title and abstract** | 1 | (*a*) Field Evaluation of a Locally Produced Rapid Diagnostic Test for early Detection of Cholera in Bangladesh |
| (*b*) Provide in the abstract an informative and balanced summary of what was done and what was found **(Abstract, Paragraph-2, 3, 4)** |
| Introduction | | |
| Background/rationale | 2 | Explain the scientific background and rationale for the investigation being reported (**Introduction, Paragraph-1, 2)** |
| Objectives | 3 | State specific objectives, including any prespecified hypotheses (**Introduction Paragraph-3)** |
| Methods | | |
| Study design` | 4 | Present key elements of study design early in the paper ( **Study sites and population, Paragraph 1)** |
| Setting | 5 | Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection (**Study sites and population, Paragraph 1, data analysis para 1)** |
| Participants | 6 | (*a*) Give the eligibility criteria, and the sources and methods of selection of participants (**Study sites and population, Paragraph 1)** |
| Variables | 7 | Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable (**Data analysis, Paragraph 1)** |
| 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 (**Data analysis, Paragraph 2)** |
| Bias | 9 | Describe any efforts to address potential sources of bias (**There was no potential bias**) |
| 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 (**Data Analysis paragraph 1)** |
| Statistical methods | 12 | (*a*) Describe all statistical methods, including those used to control for confounding (**Data Analysis paragraph 2)** |
| (*b*) Describe any methods used to examine subgroups and interactions (**No subgroup examination and interaction was done**) |
| (*c*) Explain how missing data were addressed (**Method paragraph 9**) |
| (*d*) If applicable, describe analytical methods taking account of sampling strategy |
| (*e*) Describe any sensitivity analyses (**Method paragraph 9)** |
| 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 **(Results, Paragraph 1)** |
| (b) Give reasons for non-participation at each stage |
| (c) Consider use of a flow diagram (**Figure 2**) |
| Descriptive data | 14\* | (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders (**Results, Paragraph 1**) |
| (b) Indicate number of participants with missing data for each variable of interest |
| Outcome data | 15\* | Report numbers of outcome events or summary measures **(Results, Paragraph 1,2)** |
| 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 |
| (*b*) Report category boundaries when continuous variables were categorized **(Results Paragraph 1,2)** |
| (*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 **(Discussion, Paragraph 1, 2)** |
| 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 **(Discussion, Paragraph 3)** |
| Interpretation | 20 | Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence **(Discussion, Paragraph 2)** |
| Generalisability | 21 | Discuss the generalisability (external validity) of the study results **(Discussion, Paragraph 3)** |
| 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 (**Bill and Melinda Gates Foundation, OPP 1135223. The funder of the study had no role in the study design, data collection, data analysis, data interpretation or writing of the report)** |

\*Give information separately for exposed and unexposed groups.

**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.