

## Supplement 4

### CONSORT Checklist

| Section/Topic  | Item No | Checklist item  | Reported on page No |
|--|---------|---|---------------------|
| <b>Title and abstract</b>                            |         |   |                     |
|  | 1a      | Identification as a randomised trial in the title   | 1                   |
|  | 1b      | Structured summary of trial design, methods, results, and conclusions (for specific guidance see CONSORT for abstracts)   | 1                   |
| <b>Introduction</b>                                  |         |   |                     |
| Background and objectives                            | 2a      | Scientific background and explanation of rationale  | 2                   |
|  | 2b      | Specific objectives or hypotheses   | 2,10                |
| <b>Methods</b>                                       |         |   |                     |
| Trial design   | 3a      | Description of trial design (such as parallel, factorial) including allocation ratio  | 10, Appendix A      |
|  | 3b      | Important changes to methods after trial commencement (such as eligibility criteria), with reasons  | n/a                 |
| Participants   | 4a      | Eligibility criteria for participants   | 10                  |
|  | 4b      | Settings and locations where the data were collected  | 10                  |
| Interventions  | 5       | The interventions for each group with sufficient details to allow replication, including how and when they were actually administered   | 10,11 Table 1       |
| Outcomes   | 6a      | Completely defined pre-specified primary and secondary outcome measures, including how and when they were assessed  | 12,13,14            |
|  | 6b      | Any changes to trial outcomes after the trial commenced, with reasons   | n/a                 |
| Sample size  | 7a      | How sample size was determined  | n/a                 |
|  | 7b      | When applicable, explanation of any interim analyses and stopping guidelines  | n/a                 |
| <b>Randomisation:</b>                                |         |   |                     |
| Sequence generation                                  | 8a      | Method used to generate the random allocation sequence  | 10                  |
|  | 8b      | Type of randomisation; details of any restriction (such as blocking and block size)   | 10                  |
| Allocation concealment mechanism                     | 9       | Mechanism used to implement the random allocation sequence (such as sequentially numbered containers), describing any steps taken to conceal the sequence until interventions were assigned | 12                  |
| Implementation                                       | 10      | Who generated the random allocation sequence, who enrolled participants, and who assigned participants to interventions   | 12                  |
| Blinding   | 11a     | If done, who was blinded after assignment to interventions (for example, participants, care providers, those assessing outcomes) and how  | 12                  |
|  | 11b     | If relevant, description of the similarity of interventions   | 12                  |
| Statistical methods                                  | 12a     | Statistical methods used to compare groups for primary and secondary outcomes   | 14                  |
|  | 12b     | Methods for additional analyses, such as subgroup analyses and adjusted analyses  | 14                  |
| <b>Results</b>                                       |         |   |                     |
| Participant flow (a diagram is strongly recommended) | 13a     | For each group, the numbers of participants who were randomly assigned, received intended treatment, and were analysed for the primary outcome  | Appendix A          |
|  | 13b     | For each group, losses and exclusions after randomisation, together with reasons  | 10                  |
| Recruitment  | 14a     | Dates defining the periods of recruitment and follow-up   | 11                  |
|  | 14b     | Why the trial ended or was stopped  | n/a                 |
| Baseline data  | 15      | A table showing baseline demographic and clinical characteristics for each group  | 4                   |
| Numbers analysed                                     | 16      | For each group, number of participants (denominator) included in each analysis and whether the analysis was by original assigned groups   | 4,5                 |

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|--------------------------|----------------|---|----------------------------|
| Outcomes and estimation  | 17a            | For each primary and secondary outcome, results for each group, and the estimated effect size and its precision (such as 95% confidence interval) | 6                          |
|                          | 17b            | For binary outcomes, presentation of both absolute and relative effect sizes is recommended   | 7                          |
| Ancillary analyses       | 18             | Results of any other analyses performed, including subgroup analyses and adjusted analyses, distinguishing pre-specified from exploratory         | n/a                        |
| Harms                    | 19             | All important harms or unintended effects in each group (for specific guidance see CONSORT for harms)   | 7                          |
| <b>Discussion</b>        |                |   |                            |
| Limitations              | 20             | Trial limitations, addressing sources of potential bias, imprecision, and, if relevant, multiplicity of analyses                                  | 7                          |
| Generalisability         | 21             | Generalisability (external validity, applicability) of the trial findings   | 8                          |
| Interpretation           | 22             | Interpretation consistent with results, balancing benefits and harms, and considering other relevant evidence                                     | 9                          |
| <b>Other information</b> |                |   |                            |
| Registration             | 23             | Registration number and name of trial registry  | 10                         |
| Protocol                 | 24             | Where the full trial protocol can be accessed, if available   | 10                         |
| Funding                  | 25             | Sources of funding and other support (such as supply of drugs), role of funders   | 15                         |