CONSORT 2010 checklist of information to include when reporting a randomised trial

|  |  |  |  |
| --- | --- | --- | --- |
| Section/Topic | Item No | Checklist item | Reported in Section (sub section – sub-sub section) |
| Title and abstract |
|  | 1a | Identification as a randomised trial in the title | Title |
| 1b | Structured summary of trial design, methods, results, and conclusions (for specific guidance see CONSORT for abstracts) | Abstract |
| Introduction |
| Background and objectives | 2a | Scientific background and explanation of rationale | Introduction |
| 2b | Specific objectives or hypotheses | Introduction |
| Methods |
| Trial design | 3a | Description of trial design (such as parallel, factorial) including allocation ratio | Methods (Trial Design) |
| 3b | Important changes to methods after trial commencement (such as eligibility criteria), with reasons | Methods (Study Population) |
| Participants | 4a | Eligibility criteria for participants | Methods (Study Population) |
| 4b | Settings and locations where the data were collected | Methods (Study Population) |
| Interventions | 5 | The interventions for each group with sufficient details to allow replication, including how and when they were actually administered | Methods (Intervention Program) |
| Outcomes | 6a | Completely defined pre-specified primary and secondary outcome measures, including how and when they were assessed | Methods (Outcome Definition and Measurement) |
| 6b | Any changes to trial outcomes after the trial commenced, with reasons | NA |
| Sample size | 7a | How sample size was determined | Methods (Sample Size) |
| 7b | When applicable, explanation of any interim analyses and stopping guidelines | NA |
| Randomisation: |  |  |  |
|  Sequence generation | 8a | Method used to generate the random allocation sequence | Methods (Randomization) |
| 8b | Type of randomisation; details of any restriction (such as blocking and block size) | Methods (Randomization) |
|  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 | Methods (Randomization) |
|  Implementation | 10 | Who generated the random allocation sequence, who enrolled participants, and who assigned participants to interventions | Methods (Randomization) |
| Blinding | 11a | If done, who was blinded after assignment to interventions (for example, participants, care providers, those assessing outcomes) and how | NA |
| 11b | If relevant, description of the similarity of interventions | NA |
| Statistical methods | 12a | Statistical methods used to compare groups for primary and secondary outcomes | Methods (Statistical Methods) |
| 12b | Methods for additional analyses, such as subgroup analyses and adjusted analyses | Methods (Statistical Methods) |
| Results |
| 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 | Figure 1 |
| 13b | For each group, losses and exclusions after randomisation, together with reasons | Figure 1 |
| Recruitment | 14a | Dates defining the periods of recruitment and follow-up | Methods (Outcome Definition and Measurement) |
| 14b | Why the trial ended or was stopped | Results (Compliance to Randomization) |
| Baseline data | 15 | A table showing baseline demographic and clinical characteristics for each group | Table 1 |
| Numbers analysed | 16 | For each group, number of participants (denominator) included in each analysis and whether the analysis was by original assigned groups | Figure 1, Results (Compliance to Randomization) |
| 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) | Tables 2 and 3, Results |
| 17b | For binary outcomes, presentation of both absolute and relative effect sizes is recommended | Table 2 and 3 (absolute effects only) |
| Ancillary analyses | 18 | Results of any other analyses performed, including subgroup analyses and adjusted analyses, distinguishing pre-specified from exploratory | Results (Subgroup Results) |
| Harms | 19 | All important harms or unintended effects in each group (for specific guidance see CONSORT for harms) | NA |
| Discussion |
| Limitations | 20 | Trial limitations, addressing sources of potential bias, imprecision, and, if relevant, multiplicity of analyses | Discussion – Limitations  |
| Generalisability | 21 | Generalisability (external validity, applicability) of the trial findings | Discussion – Generalizability |
| Interpretation | 22 | Interpretation consistent with results, balancing benefits and harms, and considering other relevant evidence | Discussion |
| Other information |  |
| Registration | 23 | Registration number and name of trial registry | Trial Registration and IRB Approvals. Also in Abstract |
| Protocol | 24 | Where the full trial protocol can be accessed, if available | Access to Protocol and Data |
| Funding | 25 | Sources of funding and other support (such as supply of drugs), role of funders | Funding Support |