

TREND Statement Checklist (Completed)

Transparent Reporting of Evaluations with Nonrandomized Designs (TREND) checklist.
This checklist is completed for the quasi-experimental pre-post single-group study of the Digital Casa Vital program.

Title & Abstract

Item 1: Allocation method; structured abstract including target population/sample
Reported? Yes
Pages 1
Comments:

Introduction / Background

Item 2: Scientific background and rationale; theory used in designing the intervention
Reported? Yes
Pages / sections: Introduction
Comments:

Methods / Participants

Item 3: Eligibility criteria; recruitment method; setting; locations of data collection
Reported? Yes
Pages / sections: Methods > Participants
Comments:

Methods / Interventions

Item 4: Detailed description of intervention: content, delivery method, unit of delivery, deliverer, setting, dose, time span, adherence support
Reported? Yes
Pages / sections: Methods > Intervention
Comments:

Objectives

Item 5: Specific objectives and hypotheses
Reported? Yes
Pages / sections: Introduction > Rationale and aims
Comments:

Outcomes

Item 6: Primary/secondary outcomes; data collection methods; psychometrics of instruments

Reported? Yes
Pages / sections: Methods > Measures
Comments:

Sample Size

Item 7: Sample size determination; interim analyses/stopping rules (if any)
Reported? Yes
Pages / sections: Methods > Participants / Sample size
Comments: Convenience sample. Sample size calculation has not been carried out.

Assignment Method

Item 8: Unit of assignment; method used to assign units; bias-minimizing features (matching etc.)
Reported? Yes
Pages / sections: Methods > Study design
Comments: Convenience sample. There is no randomization because there is no control group.

Blinding

Item 9: Whether participants, deliverers, assessors were blinded; how assessed
Reported? Yes
Pages / sections: Methods > Study design
Comments:

Unit of Analysis

Item 10: Smallest unit analyzed; if differs from unit of assignment, method to account for it
Reported? Yes
Pages / sections: Methods > Statistical analysis
Comments:

Statistical Methods

Item 11: Methods used to compare conditions/assess change; handling of missing data; multiplicity
Reported? Yes
Pages / sections: Methods > Statistical analysis
Comments:

Participant Flow

Item 12: Flow of participants through each stage; numbers approached, eligible, enrolled, received intervention, analyzed

Reported? Yes
Pages / sections: Methods > Study flow; Figure 1
Comments:

Recruitment

Item 13: Dates of recruitment and follow-up
Reported? Yes
Pages / sections: Methods > Participants
Comments: There are no follow-up dates

Baseline Data

Item 14: Baseline demographic/clinical characteristics
Reported? Yes
Pages / sections: Methods > Participants
Comments:

Numbers Analyzed

Item 15: Number in each analysis; ITT/PP principles
Reported? Yes
Pages / sections: Results
Comments:

Outcomes & Estimation

Item 16: Results for outcomes; effect sizes; precision
Reported? Yes
Pages / sections: Results
Comments:

Ancillary Analyses

Item 17: Subgroup or adjusted analyses
Reported? No
Pages / sections: Results
Comments: Not applicable

Adverse Events

Item 18: Harms/adverse events
Reported? No
Pages / sections: Results / Discussion
Comments: Not applicable

Discussion / Interpretation

Item 19: Interpretation considering sources of potential bias; limitations; generalizability
Reported? Yes
Pages / sections: Discussion
Comments:

Discussion / Generalizability

Item 20: External validity and applicability
Reported? Yes
Pages / sections: Discussion/Limitations
Comments:

Discussion / Overall Evidence

Item 21: Consistency with other evidence; implications
Reported? Yes
Pages / sections: Discussion
Comments:

Ethics & Registration

Item 22: Ethics approval details; consent procedures; data protection/compliance statements
Reported? Yes
Pages / sections: Methods > Ethics & data protection
Comments:

Checklist adapted from Des Jarlais et al., 2004 (AJPH), and CDC TREND resources.