Plan Overview

A Data Management Plan created using DMPTool

Title: Preferences of Dentists for two formats of processed scientific content: Infographics and Texts – Crossover Trial

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Project abstract:

This is a 2x2 randomized crossover trial concerning the perspectives of Brazilian oral health professionals, entirely conducted virtually through electronic forms. A 2-week washout will separate each intervention (textual and graphical content). Participants will be randomly assigned to one of the groups according to the sequence to which they would be exposed: Group A (1st: graphical content, 2nd: textual content) and Group B (1st: textual content; 2nd. graphical content).

Start date: 05-31-2020

End date: 01-08-2023
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Preferences of Dentists for two formats of processed scientific content: Infographics and Texts – Crossover Trial - Descrição dos Dados e Metadados produzidos pelo projeto

Descrição dos dados e metadados produzidos

Que dados serão coletados ou criados?

Participants’ general characteristics

Genre (categorical):
Male = 0;
Female = 1.

Age (countable): years.

Main professional occupation (categorical):
Undergraduate student = 0;
Clinical dentist = 1;
Graduation student (master or Ph.D.) = 2;
Non-clinician (professor, researcher, others) = 3.

Clinical experience time (categorical):
up to 2 years = 1
3-5 years = 2
6-8 years = 3
9-10 years = 4
more than 10 years = 5

The assessment Interventions (5-point Likert scale):
satisfaction = 1 up to 5
extra information needed = 1 up to 5
clarity = 1 up to 5
comprehension contribution = 1 up to 5
attractiveness = 1 up to 5
sufficiency = 1 up to 5
accuracy = 1 up to 5
utility = 1 up to 5
comprehension difficulty = 1 up to 5
memorability = 1 up to 5
Eye-tracking data:
Total observation duration of observation (continuous in milliseconds), the time for first fixation, points for each observation (JSON Array), and fixation time for each area of interest, for each intervention.

The final assessment, the preference through text or graphical content (dichotomous) scores for 4 constructs (clarity, comprehension contribution, attractiveness, completeness, and contentment), if the participants were willing to pay (yes/no), and the maximum value they were willing to pay (collected through a binding algorithm in R$).

**Como os dados serão coletados ou criados**

Data will be virtually collected through Google Forms and the Real Eye software.