Plan Overview

A Data Management Plan created using DMPTool

DMP ID: https://doi.org/10.48321/D1464S

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

Creator: Mariana minatel Braga - ORCID: 0000-0002-4469-6500

Affiliation: Universidade de São Paulo (www5.usp.br)

Principal Investigator: Gabriela do Manco Machado

Data Manager: Gabriela do Manco Machado

Project Administrator: Gabriela do Manco Machado

Funder: National Council for Scientific and Technological Development (cnpq.br)

Funding opportunity number: 142109/2020-7

Template: Template USP - Mínimo

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: 06-01-2020
End date: 01-09-2023

Last modified: 08-02-2023

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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?

Participant id = 1 up to 145

Participant group:
Infographics first = 1;
Short text first = 2.

Assessment (evaluation/exposure order according to randomization):
First = 1;
Second = 2.

Real order (order of evaluation/exposure that actually happened):
First = 1;
Second = 2.

Protocol deviation (According to the randomization, was there a deviation from the protocol?)
No = 0;
Yes = 1.

Intervention assessed (Line referring to the evaluation of infographics or short texts)
Short text = 0;
Infographics = 1.

Input outcome (Preference for Infographics or short texts with imputed data).
Short text = 0;
Infographic = 1.

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

Final assessment

Input outcome (Preference for Infographics or short texts with missing data).
Short text = 0;
Infographic = 1.

Willingness to pay (Willingness to pay to receive infographics)
No = 0;
Yes = 1.

WTP_max (Maximum amount the participant is willing to pay in Reais (R$), with missing data) - countable

WTP_itt (Maximum amount the participant is willing to pay in Reais (R$), with imputed data) -
countable

**Eye-tracking data for Infographics and short texts:**

- Total observation duration of observation (continuous in milliseconds)
- Time for the first fixation (continuous in milliseconds)
- Points for each observation (JSON Array)
- Fixation time for each area of interest (continuous in milliseconds) for each intervention.

**Como os dados serão coletados ou criados**

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