

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](https://orcid.org/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.
