

## Plan Overview

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*A Data Management Plan created using DMP Tool*

**DMP ID:** <https://doi.org/10.48321/D1F62CFD2F>

**Title:** Attributes valued by patients and their families in decision-making related to minimal intervention strategies

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**Template:** Template USP - Mínimo

### Project abstract:

This study aims to quantify users' preferences regarding minimal intervention procedures used in pediatric dentistry. It looks into two different and complementary directions: parents/guardians and children as the patients themselves. It is part of a more extensive project exploring the feasibility of integrating scientific evidence into clinical practices and public policy guideline recommendations. For that, a sample of respondents complying with the diversity of Brazilian people will be included using a citizen science strategy. This protocol outlines utilizing the discrete choice experiment (DCE) methodology for preference assessment. First, hypothetical scenarios will be presented, and

attributes and levels characterizing different diagnostic and interventional strategies will be systematically varied in a binary choice format using a mathematical process (experimental design). The aim is to discern which features are most valued by the respondents through the decision-making process. Secondly, pairs of diagnostic interventions derived from previous clinical trials will be presented and described by a predefined sequence of attributes and users' preferences will also be recorded. The language and structure of each instrument will be developed and validated, considering the comprehension and accessibility of each target audience. Ultimately, specially customized implementation strategies will be designed using the findings of preference experiments to potentialize the use/adoption/acceptance of proposed interventions among their final consumers.

All data, including the questionnaires, all resources, and intermediate parts, will be available at <https://osf.io/eybh4>

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# Attributes valued by patients and their families in decision-making related to minimal intervention strategies - Descrição dos Dados e Metadados produzidos pelo projeto

## Descrição dos dados e metadados produzidos

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### *Que dados serão coletados ou criados?*

**Participant ID** – individualizing/identifying number

**Genre (category):** male = 0 e female = 1

**Age (countable):** years

**Profession (category):** just for adults

**Level of education (category):** Incomplete elementary education = 1; Complete elementary education = 2; Incomplete secondary education = 3; Complete secondary education = 4; Incomplete higher education = 5; Complete higher education = 6.

**Last time visiting the dentist (category):** Less than 1 year ago = 1; Between 1 and 5 years ago = 2; More than 5 years ago = 3; Never been to the dentist = 4.

**Last time your children visited the dentist (category):** Less than 1 year ago = 1; Between 1 and 5 years ago = 2; More than 5 years ago = 3; Never been to the dentist = 4; I don't have children = 5.

**Brazilian minimum wages make up the family's monthly income (1 minimum wage = BR\$1412.00), considering all members contributing to the family income (category):** Up to 2 minimum wages (up to R\$2,824.00) = 1; Between 2 and 3 minimum wages (between R\$2,824.00 and R\$4,236.00) = 2; Between 3 and 4 minimum = 3 wages (between R\$4,236.00 and R\$5,648.00) = 4; Above 4 minimum wages (above R\$5,648.00) = 5;

**How many people depend on this income (countable)**

**What sources do you consider good for obtaining information about dental treatments and interventions? (category):** Newspaper = 1; Magazine = 2; Internet = 3; Social media = 4; Others = 5.

### **Choices**

Scenario 1 – 12 columns (C1\_P1, C1\_P2, ..., C1\_P12) Participants' choices (categorical): alternative 1 = 1; alternative 2 = 2.

Scenario 2 – 24 columns (C1\_P1, C1\_P2, ..., C1\_P24) Participants' choices (categorical): alternative 1 = 1; alternative 2 = 2.

### *Como os dados serão coletados ou criados*

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