

CHRIS Microbiomics

Teeth questionnaire

Version 1.1

24th April 2024

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1. Introduction

This module stores information related to the oral health of the participants, that was collected with the self-assessment questionnaire on a touchscreen, as part of the saliva collection substudy. This substudy was conducted for all participants with a baseline assessment between January 16th, 2017 and February 19th, 2018.

Participants book a morning appointment at the CHRIS study center, ranging from 7.45 to 8.45 a.m. Each study participant is assigned a workflow at the reception. If there are ten study participants (maximum capacity), there are ten different workflows, marked with the letters from “A” to “K”. The current workflow is as follows: A-B-C-D-E-F-G-H-I-K. All the workflows can be found in the documentation of CHRIS Baseline/General information/Administrative data, in the file named “Workflows at baseline assessment”. The self-administered questionnaire is filled in always after the blood draw, for most before the interview (workflows B, C, E, F, H, I, L). For the remainder, the self-administered questionnaire is filled in just after the interview (workflows A, G) or after the interview and the ECG measurement (workflow D).

The oral health questionnaire was chosen, under the scientific advice of Dr. Betsy Foxman, as a selection of questions of the WHO Oral Health Questionnaire for Adults. More specifically, the questions on the number of natural teeth, on teeth and gums self-perceived state, and on problems in the past 12 months due to the teeth mouth condition were selected.

The German and Italian translations were already validated and available from the WHO website.

The Teeth questionnaire in English, German, and Italian can be found [at CHRIS-MB/teeth_DE.pdf](#).

2. History version changes

Version 1 of this module was in use between January 16th, 2017 and February 19th, 2018.

The cleaning process did not add any variable.

3. Data cleaning

1. The main CHRIS dataset was loaded.
2. The missing observations of any variable x0oh01-x0oh03I were coded as follows:
 - a) “Not in use” (-98) if the examination visit was not between January 16th, 2017 and February 19th, 2018.
 - b) “Unexpected missing” (-89) otherwise. This includes the case of participants who did not answer specific questions.
3. The baseline dataset was saved.

4. Advices for the analysis

The answers to the teeth questionnaire are part of the CHRIS Microbiomics substudy, that included the collection of saliva samples from the participants who visited the CHRIS center between January 16th,

2017 and February 19th, 2018. The participation to the Microbiomics substudy is saved in the variable x0_saliva.

To analyst might benefit of the use of the information on intake of antibiotics in the previous 3 months, saved in the variable x0dd51.

Additional information related to the oral health can be found in the other diseases module x0ot*, part of the interview.

5. References

WHO Questionnaire on teeth and gums health: [WHO Oral Health Questionnaire for Adults](#) (Q3, Q6, Q12)

World Health Organization (2013): Oral health surveys: basic methods - 5th edition. ISBN: 978 92 4 154864 9 [Oral health surveys: basic methods - 5th edition](#) (see Annex 7).