

# Determinants and Consequences of Oral Health Behavior

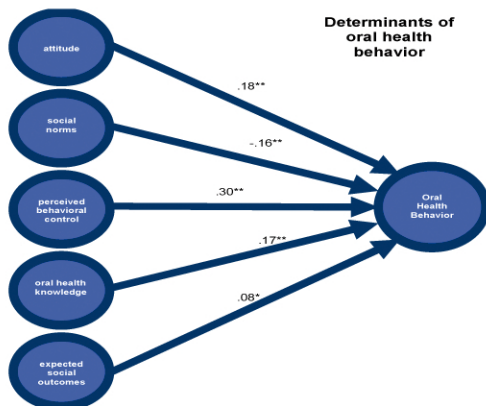
YVONNE A.B. WERKHOVEN<sup>1,3</sup>, Arie Dijkstra<sup>2</sup>, Rob Schaub<sup>3</sup>, Marinus Spreen<sup>4</sup> and Cees van der Schans<sup>1</sup>. <sup>1</sup>Hanze University Groningen, University of Applied Sciences & <sup>3</sup>Academic Center for Oral Health, University of Groningen, <sup>2</sup>Dept. of Social & Organizational Psychology, University of Groningen, <sup>4</sup>Forensic Psychiatric Hospital 'Dr. S. van Mesdagkliniek' Groningen, the Netherlands.

Correspondence to [Y.A.B.Werkhoven@med.umcg.nl](mailto:Y.A.B.Werkhoven@med.umcg.nl)

## Aim of this study

- to develop an **index of desirable oral health behavior (OHB)**
- to examine the **relevant predictors** of this behavior: variables of theory of planned behavior (TPB), oral health knowledge, expected social outcomes
- to examine associations between **OHB**, **'dentition characteristics'** and **perceived oral health related quality of life** as assessed with the translated Dutch version of the Oral Health Impact Profile-14 (D-OHIP-14)

Figure 1



## Methods

participants filled in a questionnaire (487 via internet and 55 patients came to ACMG)

## Results

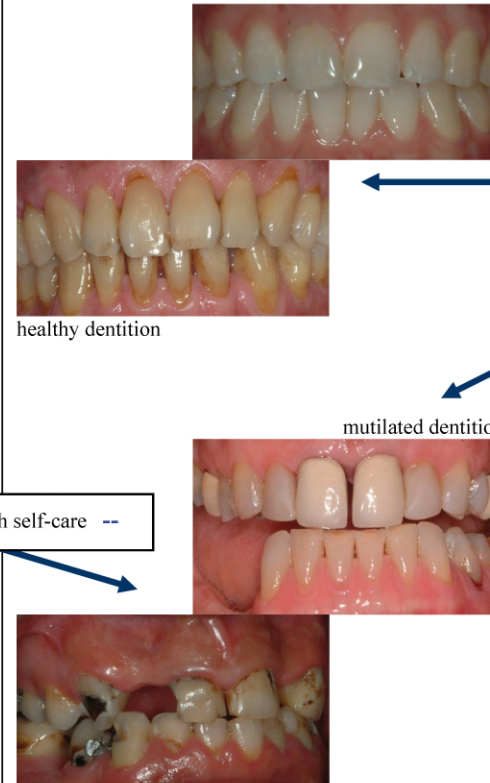
the predictors explained together **32,3%** of the variance in self-reported OHB (Figure 1)

## Index of OHB

- Index of OHB:**
- ☐ tooth brushing; frequency, moments, method, duration (minutes), measures of force and fluoride toothpaste
  - ☐ interdental cleaning (use of floss, tooth sticks, brushes)
  - ☐ tongue cleaning

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## 'Dentition characteristics'



## D-OHIP-14 Cronbach's alpha = 0.954

### Dimensions

- \*Function limitation (p=0.005)
- \*Physical pain *ns*
- \*Psychological discomfort (p=0.009)
- \*Physical disability (p=0.008)
- \*Psychological disability (p=0.001)
- \*Social disability (p=0.005)
- \*Handicap (p=0.021)

## Conclusions:

- ☺ important clues for the prevention of oral health problems
- ☺ social consequences of oral health play a role in oral health care
- ☺ preliminary evidence for the validity of the D-OHIP-14
- ☺ 'dentition characteristics' is correlated with OHB and D-OHIP-14
- ☺ no direct association between OHB and perceived quality of life