

# The research on oral health status of adult patients, reasons for undergoing treatment and oral health behaviours

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<b>Registration date</b> 09/06/2016	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 09/06/2016	<b>Condition category</b> Oral Health	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

### Background and study aims

Dental caries (tooth decay leading to holes in the teeth) and periodontal (gum) diseases are two of the most common diseases of the mouth (oral disease). Studies on how they occur help in preparing programs to prevent them. This study looks at the oral health of people living in the West Pomeranian region in Poland investigating, for example, why they may come to a dental surgery for treatment, how often they go to the dentist, how they brush their teeth, if they have a fear of going to the dentist and what their opinion is of dental services in general.

### Who can participate?

Adults (aged at least 18) living in the West Pomeranian region in Poland.

### What does the study involve?

All participants are asked to fill in a questionnaire. The questionnaire comes in two parts. The first part contains questions on personal data, such as the participants gender, age, where they live, level of education and how much each person earns in their household. The second part contains questions on how they use dental services, how often they go to the dentist, reasons for going or delaying going to see a dentist, if they fear going to the dentist, and their oral hygiene habits (how often do they clean their teeth, for example, how often do they replace their toothbrush and what dental products do they use). The questionnaire also has questions regarding the participants opinions on the services given. Each participant also has a dental check-up, and have short interview about how they themselves see their general health.

### What are the possible benefits and risks of participating?

Benefits include the patients gaining knowledge on their oral health and possible solutions to various dental problems. There are no risks involved.

### Where is the study run from?

Healthcare Centre Denticus 2, Szczecin (Poland)

When is the study starting and how long is it expected to run for?  
March 2011 to March 2014

Who is funding the study?  
Healthcare Centre Denticus 2, Szczecin (Poland)

Who is the main contact?  
Dr Jolanta Świdarska

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Dr Jolanta Świdarska

**Contact details**  
Bolesława Śmiałego 28  
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70-348

## Additional identifiers

**Protocol serial number**  
1

## Study information

**Scientific Title**  
Conditionings of oral health status in adult patients, analysis of chosen factors influencing dental attendance and health attitudes in the range of oral health maintenance

**Study objectives**  
Oral health status is influenced by socioeconomic factors

**Ethics approval required**  
Old ethics approval format

**Ethics approval(s)**  
Ethics Committee of the Regional Medical Council in Szczecin, 30/03/2011, ref: 04/KB/IV/2011

**Study design**  
Observational and clinical study of oral health and related health behaviours

**Primary study design**  
Observational

## **Study type(s)**

Screening

## **Health condition(s) or problem(s) studied**

Dental caries, periodontal diseases

## **Interventions**

This study was conducted in private dental facilities in the city of Szczecin, Poland, on 301 randomly chosen patients undergoing dental treatment.

The patients were asked to fill a self-administered questionnaire and were examined by dental professionals. The questionnaire consisted of two major parts. First part contained questions related to patients' personal data including gender, age, place of residence, education and income per person in a household. The second part consisted of questions related to the utilization of dental services, dental attendance, reasons of attending and delaying visits, fear of the dentist and hygiene habits (i.e. frequency of brushing teeth and replacing toothbrush, use of dental products). It also consisted of questions regarding patients' opinion on the range of services covered by the public insurance and opinion on the provided services. Overall there were 24 questions, providing an insight on patients' socio-economic status and dental habits.

Clinical examination was performed in the dental environment, in artificial light, with use of mirror and dental probe in accordance with World Health Organization (WHO) recommendation. The examination was preceded with a short interview, to determine patients' evaluation of their health (cardiovascular diseases, metabolic disorder, blood diseases, infectious diseases, smoking habits). Results were added to the results acquired from the dental data sheet of own design.

## **Intervention Type**

### **Primary outcome(s)**

1. Experience of dental caries, measured by number of decayed, missing and filled teeth during clinical examination
2. Periodontal health measured by the occurrence of calculus, bleeding, pockets and excluded sextants during clinical examination

### **Key secondary outcome(s)**

Dental related behaviour - assessed by dental attendance, brushing habits, dental fear and opinion on dental services measured with questionnaire before the clinical examination.

## **Completion date**

30/03/2014

## **Eligibility**

### **Key inclusion criteria**

1. Age: at least 18
2. Women and Men
3. Income: all ranges
4. Place of living: all ranges
5. Education: primary, secondary, vocational, higher

## **Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Sex**

All

**Key exclusion criteria**

Participants under 18 years of age

**Date of first enrolment**

10/04/2011

**Date of final enrolment**

10/04/2012

## **Locations**

**Countries of recruitment**

Poland

**Study participating centre**

Healthcare Centre Denticus 2

Szczecin

Poland

70-348

## **Sponsor information**

**Organisation**

Healthcare Centre Denticus 2

## **Funder(s)**

**Funder type**

Hospital/treatment centre

**Funder Name**

Healthcare Centre Denticus 2

**Results and Publications****Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not expected to be made available