

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

Submission date 01/06/2016	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 09/06/2016	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 09/06/2016	Condition category Oral Health	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

Plain English Summary

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 Świdorska

Contact information

Type(s)
Scientific

Contact name
Dr Jolanta Świdorska

Contact details
Bolesława Śmiałego 28
Szczecin
Poland
70-348

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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 hypothesis
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

Secondary study design

Cross sectional study

Study setting(s)

GP practice

Study type(s)

Screening

Participant information sheet

No participant information sheet available

Condition

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 measure

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

Secondary outcome measures

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

Overall study start date

30/03/2011

Overall study end date

30/03/2014

Eligibility

Participant 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

Age group

Adult

Lower age limit

18 Years

Sex

Both

Target number of participants

301

Participant exclusion criteria

Participants under 18 years of age

Recruitment start date

10/04/2011

Recruitment end date

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

Sponsor details

Bolesława Śmiałego 28
Szczecin
Poland
70-348

Sponsor type

Other

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Healthcare Centre Denticus 2

Results and Publications

Publication and dissemination plan

To be confirmed at a later date.

Intention to publish date

08/06/2017

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not expected to be made available