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Dental professionals as tobacco cessation counsellors

Submission date	Recruitment status	[_] Prospectively registered
19/02/2010	No longer recruiting	[X] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
14/04/2010	Completed	[_] Results
Last Edited	**Condition category**	[_] Individual participant data
29/12/2020	Mental and Behavioural Disorders	[_] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Study information

Scientific Title
Enhancing Oral Health Professionals' competencies in Tobacco Use Prevention and Cessation: A randomised controlled community-based trial

Acronym
OH-No-TOBACCO

Study objectives

The main hypothesis is that an educational training intervention that includes information on
1. tobacco use and oral health
2. tobacco dependence as a chronic condition
3. treatment options for tobacco dependence
4. the practice guideline "Treating Tobacco Use and Dependence"
will reduce the barriers and facilitate the delivery of tobacco dependence counselling and treatment by oral health professionals to their patients if the administration of health centres enables and motivates them to do so.

Ethics approval required
Old ethics approval format

Ethics approval(s)
1. Ethical Committee of Tampere Hospital District approved on the 7th of November 2009 (ref: R08108)
2. Ethical Committee of Vaasa Hospital District approved on the 14th of October 2009 (ref: 9 /2008)

Primary study design
Interventional

Study design
Randomised controlled community-based trial

Study type(s)
Prevention

Health condition(s) or problem(s) studied
Smoking

Interventions
We compare the effects of two interventions on the implementation of the Clinical Practice Guideline "Treating Tobacco Use and Dependence" among dental practitioners. Dental clinics participating in this study will be primary care dental centres in the cities of Vaasa and Tampere, Finland. All dental clinics in Vaasa (about 12 clinics) and Tampere (about 34 clinics) health centres will participate with no exceptions. Dental clinics will be randomly assigned to one of three groups, so that the three groups have an equivalent number of clinics assigned. Before intervention, principles of documenting patients tobacco use into medical records are instructed to all clinics. The intervention components to be tested are as follows:
Group A: Controls (Routine Care)
Group B: Educational Intervention
Group C: Educational Intervention + Monetary incentives

The educational intervention was exactly the same for both groups B and C. The total duration of the educational intervention was seven hours administered during one day from 8:00 a.m. to 3:00 p.m. Five hours of intensive training, included lectures, Q&A sessions, multi-media demonstrations, and a role play session with standard patient cases where the students were working in smaller groups. During the coffee and lunch breaks the students had an opportunity to study a selection of self-help materials and nicotine replacement therapy options in treatment of tobacco dependence. Study material included a binder with hand-outs of each teaching session as well as of the patient cases and a wide range of internet based sources of

relevant information with the links for each site provided. All these materials were entered also to the project web site to be accessible in electronic format later on for participants of the educational intervention (username and password given).
Teaching modules included
1. Epidemiology of tobacco use and its health consequences
2. Role of oral health professionals in prevention and cessation of tobacco use
3. Tobacco dependence
4. Pharmacological treatment of tobacco dependence
5. Non-pharmacological treatment of tobacco dependence
6. How to implement the 6Ks in oral health practice (Finnish modification of the 5 As Clinical Practice Guideline "Treating Tobacco Use and Dependence")
7. Youth and tobacco
8. Resources and self help materials
9. Standard patient cases session. It took place in three groups (being mentored by one of the teachers plus one assistant). There were six standard patient cases (2 female/ 4 male; 2 adolescent/4 adult; 4 cigarette smokers/2smokeless tobacco users) played out by professional actors and/or students. There was a written protocol and time schedule to follow in each group to ensure that each participant of the educational intervention had an opportunity to practice tobacco dependence counseling at least once and that all patient cases could be practiced in every group. After the small group sessions, all the participants were invited back to the lecture setting where the teachers gave feed-back for possible solutions for each patient case treatment and counseling.

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
Provider behaviour and performance assessment by questionnaires and dental record audit, assessed at 1 and 6 months after the educational intervention.

Key secondary outcome(s)
Patient tobacco use behaviour assessment by patient questionnaires and dental record audit, assessed at baseline and 6 months.

Completion date
16/05/2010

Eligibility

Key inclusion criteria
1. Dentists and dental hygienists are included if the following criteria are met:
1.1. Dental providers working in one of the primary care dental clinics in the cities of Tampere or Vaasa
1.2. Provide written informed consent
2. Patients attending enrolled practices are included if the following criteria are met:
2.1. They visit one of the dental clinics in the cities of Tampere or Vaasa during four weeks starting from November 16th, 2009
2.2. Provide written informed consent

2.3. Are 12 to 40 years of age
2.4. Are able to read and understand spoken Finnish or Swedish to a level where they can read the study information sheet, complete the consent form, and respond to questionnaire

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Other

Sex
All

Key exclusion criteria
Dentists and dental hygienists will be excluded if the following criteria are met:
1. Dental providers working in the emergency care or special treatment clinics in the city of Tampere

Date of first enrolment
16/11/2009

Date of final enrolment
16/05/2010

Locations

Countries of recruitment
Finland

Study participating centre
POB 41
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Sponsor information

Organisation
Academy of Finland (Finland)

ROR
https://ror.org/05k73zm37

Funder(s)

Funder type
Government

Funder Name
Academy of Finland (Finland) (grant ref: 130966)

Alternative Name(s)
Academy of Finland, Suomen Akatemia, Finlands Akademi, AKA

Funding Body Type
Government organisation

Funding Body Subtype
Research institutes and centers

Location
Finland

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Protocol article	protocol	14/02/2011	29/12/2020	Yes	No
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes
Study website	Study website	11/11/2025	11/11/2025	No	Yes