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The effect of application of 0.12% chlorhexidine gel-toothpaste compared to 0.12% chlorhexidine mouthwash and regular toothpaste in a 3 day non-brushing model on plaque accumulation

Submission date 01/12/2005	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 01/12/2005	**Overall study status** Completed	
Last Edited 10/09/2009	**Condition category** Oral Health	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
NTR274

Study information

Scientific Title

Acronym
DAGMAR - Daily Application of a Gingival Maintenance Antimicrobial Regimen

Study objectives
Tray application of 0.12% chlorhexidine gel-toothpaste has more than 15% better effect on 'de novo' plaque accumulation compared to tray application of regular toothpaste in a 3 day non-brushing model.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Not Specified

Health condition(s) or problem(s) studied
Dental plaque

Interventions
Tray application of 0.12% chlorhexidine gel-toothpaste twice daily for 2 minutes or tray application of regular toothpaste twice daily for 2 minutes or rinsing with 0.12% chlorhexidine mouthwash twice daily for 1 minute, during a 3 day non-brushing period.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Quigley & Hein plaque-index after 3 days (72 hours) of 'de novo' plaque accumulation.

Key secondary outcome(s))
Results from the visual analogue scale (VAS) questionnaire to evaluate the subject's attitude towards to the used products.

Completion date
03/10/2005

Eligibility

Key inclusion criteria
1. >=18 years
2. Systemically healthy
3. >=20 teeth
4. 5 teeth per quadrant
5. No pockets >5 mm
6. No orthodontic appliances
7. No removable (partial) dentures

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria
1. Use of medication possibly influencing normal gingival health
2. Pregnancy

Date of first enrolment
19/09/2005

Date of final enrolment
03/10/2005

Locations

Countries of recruitment
Netherlands

Study participating centre

Hogeschool INHOLLAND
Amsterdam
Netherlands
1066 EA

Sponsor information

Organisation
Academic Centre for Dentistry in Amsterdam (ACTA) (Netherlands)

ROR
https://ror.org/04x5wnb75

Funder(s)

Funder type
University/education

Funder Name
Hogeschool INHOLLAND, School of Health in Diemen, Dentaid Benelux (Netherlands)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/02/2007		Yes	No