

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
Registration date 01/12/2005	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 10/09/2009	Condition category Oral Health	☐ Individual participant data

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

Primary study design

Interventional

Study design

Randomised controlled trial

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 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, Dentaïd 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