

Effect of Fluoride Slow-release Devices on salivary and plaque levels of fluoride, phosphorus and calcium

Submission date 30/09/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 30/09/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 26/02/2020	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
N0436133177

Study information

Scientific Title

Effect of Fluoride Slow-release Devices on salivary and plaque levels of fluoride, phosphorus and calcium

Study objectives

The aim of our study is to evaluate the levels of fluoride, calcium and phosphorus in saliva and in dental plaque from the release of fluoride slow-release devices.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised placebo controlled parallel group trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Dental materials

Interventions

Randomised controlled trial. Two types of glass devices (one with fluoride, the other without) are randomly attached to the buccal side of maxillary molar.

Intervention Type

Device

Phase

Not Specified

Primary outcome(s)

Measurements of levels of fluoride, calcium and phosphorus in saliva and dental plaque

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/07/2004

Eligibility

Key inclusion criteria

Healthy adults aged 18-65 years residing in Leeds

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Upper age limit

65 Years

Sex

All

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

01/09/2003

Date of final enrolment

01/07/2004

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

The Worsley Building

Leeds

United Kingdom

LS2 9LU

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Leeds Teaching Hospitals NHS Trust (UK)

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?
Thesis results	doctoral thesis			No	No