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

| Submission date | Recruitment status | [_] Prospectively registered |
|---|---|---|
| 30/09/2004 | No longer recruiting | [_] Protocol |
| **Registration date** | **Overall study status** | [_] Statistical analysis plan |
| 30/09/2004 | Completed | [X] Results |
| **Last Edited** | **Condition category** | [_] Individual participant data |
| 26/02/2020 | Oral Health | |

**Plain English summary of protocol**
Not provided at time of registration

## Contact information

**Type(s)**
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

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

### Study design
Randomised placebo controlled parallel group trial

### Primary study design
Interventional

### Secondary study design
Randomised controlled trial

### Study setting(s)
Not specified

### Study type(s)
Not Specified

### Participant information sheet

### Health condition(s) or problem(s) studied
Dental materials

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

### Intervention Type
Device

### Phase
Not Specified

### Primary outcome measure
Measurements of levels of fluoride, calcium and phosphorus in saliva and dental plaque

### Secondary outcome measures
Not provided at time of registration

### Overall study start date
01/09/2003

### Completion date
01/07/2004

## Eligibility

### Key inclusion criteria
Healthy adults aged 18-65 years residing in Leeds

### Participant type(s)
Patient

### Age group
Adult

### Lower age limit
18 Years

### Upper age limit
65 Years

### Sex
Both

### Target number of participants
Not provided at time of registration

### 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
England

United Kingdom

**Study participating centre**
**The Worsley Building**
Leeds
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LS2 9LU

# Sponsor information

**Organisation**
Department of Health

**Sponsor details**
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

**Sponsor type**
Government

**Website**
http://www.dh.gov.uk/Home/fs/en

# Funder(s)

**Funder type**
Hospital/treatment centre

**Funder Name**
Leeds Teaching Hospitals NHS Trust (UK)

# Results and Publications

**Publication and dissemination plan**
Not provided at time of registration

**Intention to publish date**

**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 |