

# Effect of toothbrushing before or after breakfast on enamel in situ

<b>Submission date</b> 30/09/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 30/09/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 30/03/2020	<b>Condition category</b> Oral Health	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

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

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Dr A Giannouli

**Contact details**  
Child Dental Health  
Leeds Dental Institute  
The Worsley Building  
Clarendon Way  
Leeds  
United Kingdom  
LS2 9LU  
+44 (0)113 233 6138  
abc@email.com

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N0436130650

# Study information

## Scientific Title

Effect of toothbrushing before or after breakfast on enamel in situ

## Study objectives

To investigate the effect of toothbrushing before or after breakfast on enamel microhardness and surface profile using an in situ 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

## Secondary study design

Randomised controlled trial

## Study setting(s)

Other

## Study type(s)

Prevention

## Participant information sheet

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

Oral Health: Cariology

## Interventions

Randomised controlled trial. Random allocation to toothbrushing before or after breakfast.

## Intervention Type

Other

## Phase

Not Specified

## Primary outcome measure

Change in microhardness and surface profile of enamel slabs as determined using microhardness testing and confocal microscopy.

## Secondary outcome measures

Not provided at time of registration

**Overall study start date**

01/10/2003

**Completion date**

01/04/2004

## **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**

01/10/2003

**Date of final enrolment**

01/04/2004

## **Locations**

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

**Child Dental Health**

Leeds

United Kingdom

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