

# A study of the demineralising potential of cooked Chinese starches with an in situ caries model

<b>Submission date</b> 12/09/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 28/02/2014	<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

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## Additional identifiers

**Protocol serial number**  
N0436118019

## Study information

**Scientific Title**

**Study objectives**

To measure the effect on enamel microhardness of three test foods as compared to a 10% sucrose solution and a 10% sorbitol solution.

**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)**

Prevention

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

Oral Health: Cariology

**Interventions**

Randomised controlled trial. Random allocation to:

1. Test food one
2. Test food two
3. Test food three
4. 10% sucrose solution
5. 10% sorbitol solution

**Intervention Type**

Drug

**Phase**

Not Specified

**Drug/device/biological/vaccine name(s)**

10% sucrose solution, 10% sorbitol solution

**Primary outcome(s)**

Demineralisation of enamel slabs (assessed by changes in microhardness)

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

30/06/2003

# Eligibility

## Key inclusion criteria

Eight fit and healthy adults recruited from staff of the Leeds Dental Institute, Leeds NHS Trust, Leeds University, students (other than undergraduate dental students) of Leeds University.

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Adult

## Sex

All

## Key exclusion criteria

Does not meet inclusion criteria

## Date of first enrolment

24/03/2003

## Date of final enrolment

30/06/2003

# Locations

## Countries of recruitment

United Kingdom

England

## Study participating centre

Department of Child Dental Health

Leeds

United Kingdom

LS2 9LU

# Sponsor information

## Organisation

Department of Health (UK)

## **Funder(s)**

### **Funder type**

Government

### **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