

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

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 12/09/2003	Overall study status Completed	☐ Statistical analysis plan ☐ Results
Last Edited 28/02/2014	Condition category Oral Health	☐ Individual participant data ☐ 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

Primary study design

Interventional

Study design

Randomised controlled trial

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