

Wand vs traditional injections: a comparison of pain related palatal injections in children

Submission date 29/09/2006	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 29/09/2006	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 02/05/2012	Condition category Signs and Symptoms	☐ 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
N0436165542

Study information

Scientific Title

Study objectives

To find out if there is a difference in pain sensation using conventional dental injection an dental practice and using a computer controlled local anaesthetic device (the Wand computer controlled anaesthetic delivery system).

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

Signs and Symptoms: Pain

Interventions

Randomised controlled trial

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Pain sensation measured in mm.

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/11/2005

Eligibility

Key inclusion criteria

1. The sample will be drawn from children between 3-10 yrs attending the children's clinic in the department of child dental health, Leeds Dental Institute
2. All children will have no previous dental experience and will be in need of at least one restoration in the maxilla requiring local anaesthesia

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Lower age limit

3 Years

Upper age limit

10 Years

Sex

Not Specified

Key exclusion criteria

Does not match inclusion criteria

Date of first enrolment

01/11/2004

Date of final enrolment

01/11/2005

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Paediatric Dentistry

Leeds

United Kingdom

LS2 9LU

Sponsor information**Organisation**

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Leeds Teaching Hospitals NHS Trust (UK)

Funder Name

NHS R&D Support Funding (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?
Results article	results	01/06/2009		Yes	No