

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

<b>Submission date</b> 29/09/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 29/09/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
<b>Last Edited</b> 02/05/2012	<b>Condition category</b> Signs and Symptoms	<input type="checkbox"/> 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

**Study design**

Randomised controlled trial

**Primary study design**

Interventional

**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?
<a href="#">Results article</a>	results	01/06/2009		Yes	No