

# The effect of lidocaine temperature on pain perception

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON19869

### Source

NTR

### Brief title

TBA

### Health condition

Blepharoptosis

## Sponsors and support

**Primary sponsor:** Het Oogziekenhuis Rotterdam

**Source(s) of monetary or material Support:** Stichting Wetenschappelijk Onderzoek Oogziekenhuis (SWOO)

## Intervention

## Outcome measures

### Primary outcome

Pain perception (VAS).

### Secondary outcome

Injection time course.

## Study description

### Background summary

Rationale: It has been reported that warming a local anaesthetic reduces pain during infiltration.

Objective: To evaluate the effect of lidocaine temperature on pain perception during infiltration for upper blepharoplasty.

Study design: Randomised, comparative, single blinded study.

Study population: Patients 18 years or older admitted to our clinic for bilateral upper blepharoplasty.

Intervention: Patients will be randomized between warm (37°C) versus ambient temperature (21°C) anaesthetic solutions for infiltration in eyelid surgery.

Main study parameters/endpoints: Pain during infiltration on a visual analogue scale.

Nature and extent of the burden and risks associated with participation, benefit and group relatedness: Risks are negligible.

### Study objective

Pain perception during infiltration of Lidocaine/Adrenaline for upper blepharoplasty at 37°C is reduced relative to infiltration at 21°C.

### Study design

Preoperative.

### Intervention

Prewarming of Lidocaine/Adrenaline.

## Contacts

### Public

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### Scientific

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## Eligibility criteria

### Inclusion criteria

Age  $\geq$  18 years

Bilateral upper blepharoplasty

### Exclusion criteria

Previous surgical intervention to the eyelid(s)

Hypersensitivity or other prior adverse effect to any of the contents of the local anaesthetic

Anxiety which requires tranquilizing or sedative agents prior to administering the local anaesthetic

## Study design

### Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Active

### Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-06-2019
Enrollment:	64
Type:	Anticipated

## IPD sharing statement

**Plan to share IPD:** No

## Ethics review

Positive opinion

Date: 04-03-2019

Application type: First submission

## Study registrations

### Followed up by the following (possibly more current) registration

ID: 49046

Bron: ToetsingOnline

Titel:

### Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
NTR-new	NL7577
CCMO	NL67490.078.18
OMON	NL-OMON49046

## Study results