

Comparison of antibiotic-only and antibiotic-steroid combination treatment in corneal ulcer patients: a double-blinded, randomised clinical trial

Submission date	Recruitment status	<input type="checkbox"/> Prospectively registered
24/08/2005	No longer recruiting	<input type="checkbox"/> Protocol
Registration date	Overall study status	<input type="checkbox"/> Statistical analysis plan
21/10/2005	Completed	<input type="checkbox"/> Results
Last Edited	Condition category	<input type="checkbox"/> Individual participant data
15/09/2009	Eye Diseases	<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr William Hodge

Contact details

Ottawa Hospital - General Campus
The University of Ottawa Eye Institute
501 Smyth Road
Ottawa, Ontario
Canada
K1H 8L6
+1 613 737 8218
whodge@ottawahospital.on.ca

Additional identifiers

Protocol serial number

N/A

Study information

Scientific Title**Study objectives**

Null: There is no difference in residual ulcer size whether a corneal ulcer patient was treated with antibiotic alone or antibiotic with steroid.

Alternative: There is a significant difference in residual ulcers size between corneal ulcer patients treated with antibiotic alone and with antibiotic with steroid.

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)

Treatment

Health condition(s) or problem(s) studied

Corneal ulcers

Interventions

Antibiotic-only or Antibiotic-steroid combination treatment

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Residual ulcer size compared to baseline

Key secondary outcome(s))

1. Time to healing (days)
2. Rate of cure or treatment failure
3. Visual acuity
4. Quality of life
5. Physician Scoring of Ocular symptoms and signs

Completion date

14/09/2007

Eligibility

Key inclusion criteria

1. Bacterial corneal ulcer, defined as corneal epithelial defect and stromal inflammation of presumed bacterial origin, that is culture confirmed or gram stain positive
2. Involvement of only one eye
3. Over the age of 12 years

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Fungal, viral or amoebic keratitis
2. Known sensitivity or allergy to trial drugs
3. Perforated ulcer
4. Involvement of only functional eye, best corrected visual acuity worse than 20/200 in the uninfected eye
5. Use of topical or systemic steroids concurrently or within the past 2 months

Date of first enrolment

15/09/2005

Date of final enrolment

14/09/2007

Locations

Countries of recruitment

Canada

Study participating centre

Ottawa Hospital - General Campus

Ottawa, Ontario

Canada

K1H 8L6

Sponsor information

Organisation

Physicians' Services Incorporated Foundation (Canada)

ROR

<https://ror.org/0385yzn06>

Funder(s)**Funder type**

Charity

Funder Name

Physicians' Services Inc (Canada)

Results and Publications**Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration