Intracameral voriconazole injection in the treatment of fungal endophthalmitis developed from keratitis

Submission date	Recruitment status	☐ Prospectively registered
13/12/2009	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
06/01/2010	Completed	Results
Last Edited	Condition category	Individual participant data
06/01/2010	Eye Diseases	Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Ying-Cheng Shen

Contact details

No. 160, Sec 3 Taichung Port Rd Taichung Taiwan 403

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

YCS

Study information

Scientific Title

Intracameral voriconazole injection in the treatment of fungal endophthalmitis developed from keratitis: a retrospective non-randomised non-controlled study

Study objectives

Intracameral voriconazole administered may effectively treat fungal endophthalmitis located at anterior chamber.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Taichung Veterans General Hospital (VGHTC) ethics board approved in 2009

Study design

Retrospective non-randomised non-controlled study

Primary study design

Interventional

Secondary study design

Non randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Treatment

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Fungal endophthalmitis developed from keratitis

Interventions

100 µg of voriconazole in 0.1 ml was injected into the anterior chamber using a 30-gauge needle attached to a 1.0 ml regular insulin syringe. Intracameral voriconazole injection was given once a day and the treatment discontinued while the eyes showed disappearance of the endothelial plaque and resolution of the anterior chamber fungal infiltrate. Patients diagnosed with filamentous fungal keratitis progressing to endophthalmitis who had undergone treatment with intracameral voriconazole injection and were followed up for at least 4 months.

Intervention Type

Drug

Phase

Not Applicable

Drug/device/biological/vaccine name(s)

Voriconazole

Primary outcome measure

Clinical observation, checked 1 month and 4 months after treatments

Secondary outcome measures

Checked 1 month and 4 months after treatments:

- 1. Visual acuity
- 2. Fungal infiltrate disappearance

Overall study start date

01/01/2005

Completion date

31/12/2008

Eligibility

Key inclusion criteria

- 1. Fungal endophthalmitis from keratitis
- 2. Anterior chamber shows fungal web, fungal balls or endothelial plaque
- 3. Culture approved
- 4. Aged 38 78 years, either sex

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

10 patients

Key exclusion criteria

- 1. Bacterial infection
- 2. Culture negative
- 3. Fungal infection from other source

Date of first enrolment

01/01/2005

Date of final enrolment

31/12/2008

Locations

Countries of recruitment

Taiwan

Study participating centre

No. 160, Sec 3
Taichung
Taiwan
403

Sponsor information

Organisation

Taichung Veterans General Hospital (VGHTC) (Taiwan)

Sponsor details

No. 160, Sec 3 Taichung Port Road Taichung Taiwan 403

Sponsor type

Hospital/treatment centre

Website

http://www.vghtc.gov.tw

ROR

https://ror.org/00e87hq62

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Taichung Veterans General Hospital (VGHTC) (Taiwan)

Results and Publications

Publication and dissemination planNot provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summaryNot provided at time of registration