

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jul 2026

Comparing effect of the two eye care program on exposure keratopathy in intensive care unit patient

Protocol summary

Summary

This is a single blind trial to evaluate the effect of the two eye care program in intensive care unit patients in Arak Valiasr hospital. Fifty one patients will be selected according to inclusion and exclusion criteria and will be care randomly one eye of patient with A eye care program and other eye will care with B eye care program. Eye care programs will continue for a week. Patients eyes will examine daily by fluorecence paper and pen light with cobalt blue filter. Eye care with A manner: washing hand before eye care. if eyes are closed application of artificial tear every 4 h. if eyes are lagopthalmos application of eye ointment and eyes will be tape by banderole. Eyes will close at time of suctioning. If eyes have clear damage (white or yellow spots in cornea surface or redness, swelling and inflammation on conjunctiva) will call to doctor. in B manner in addition to upper cares will use of normal saline every 6 h.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015053122510N1**

Registration date: **2015-10-24, 1394/08/02**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-10-24, 1394/08/02

Registrant information

Name

Zohreh Davoodabady

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2015-07-11, 1394/04/20

Expected recruitment end date

2015-12-06, 1394/09/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing effect of the two eye care program on exposure keratopathy in intensive care unit patient

Public title

Comparing effect of the two eye care program on exposure keratopathy

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: patient older than 18 years; unconscious patient with GCS<10, without blink reflex; patients without clear facial and eye injuries; patients without eye dryness before admission according to escort saying; patients without eye surgery according to escort saying. Exclusion criteria: if study period did not completion with due attention to death, transfer, improvement and releasing; to return cornea reflex and increase GCS; erosion and injury arising of resort or other

medical errors; admission time lower of 7 days.

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **51**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Arak University of Medical Sciences

Street address

Arak University of Medical Sciences, Railroad Street,
Alamoll Huda Street

City

Arak

Postal code

3819693345

Approval date

2015-06-08, 1394/03/18

Ethics committee reference number

IR.arakmu.rec.1394.49

Health conditions studied

1

Description of health condition studied

exposure keratopathy

ICD-10 code

H15-H22

ICD-10 code description

Disorders of sclera, cornea, iris and ciliary body

Primary outcomes

1

Description

Exposure keratopathy count

Timepoint

Daily

Method of measurement

Examination

Secondary outcomes

1

Description

Exposure keratopathy intensity

Timepoint

Daily

Method of measurement

Examination

Intervention groups

1

Description

Eye care with A manner: washing hand before eye care. if eyes are close application of artificial tear every 4 h. if eyes are lagopthalmos application of eye ointment and taping eyes by banderole. eyes will closed at time of suctioning. If eyes have clear damage (white or yellow spots in cornea surface or redness, swelling and inflammation on conjunctiva) will call to doctor.

Category

Prevention

2

Description

Eye care with B manner: in B manner in addition to A manner cares will use of normal salin every 6 h

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Arak Valiasr education and treatment centre

Full name of responsible person

Zohreh Davoodabady

Street address

Valiasr education and treatment centre, Valiasr square

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Korosh Rezaei

Street address

Faculty of Nursing and Midwifery, Arak University of Medical Sciences, Sardasht

City

Arak

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Arak University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

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Position

Bachelor of nursing

Other areas of specialty/work

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Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty