

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

09 Jul 2026

### Comparing effect of the two eye care program on exposure keratophaty 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

+98 86 3369 0601

##### Email address

davoodabady-z@arakmu.ac.ir

##### 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 keratophaty in intensive care unit patient

##### Public title

Comparing effect of the two eye care program on exposure keratophaty

##### 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**

Zohreh Davoodabady

**Position**

Bachelor of nursing

**Other areas of specialty/work**

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### Person responsible for scientific inquiries

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### Person responsible for updating data

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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*