

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jun 2026

Outcome of external dacryocystorhinostomy with monocalicular intubation versus bicanalicular intubation in patient with primary acquired nasolacrimal duct obstruction

Protocol summary

Summary

Patients complaining of lacrimation and other signs and symptoms of nasolacrimal duct obstruction, referred to Nikookari hospital (Tabriz, Iran), will undergo clinical examination, probing and irrigation of nasolacrimal duct. Patients with a history of surgery on nasolacrimal ducts or with a diagnosis of secondary obstruction of nasolacrimal ducts will be excluded from the study. Fifty-one patients will be chosen and randomly divided in two groups of A and B. In group A intervention includes external dacteryocystorhinostomy with intubation monocalicular (silicon tube) and in group B intervention includes external dacteryocystorhinostomy with bicanalicular intubation. After six weeks silicon tube will be removed and patients will be followed for three month. The success rate of interventions will be evaluated by MUNK scoring system.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201409166033N4**

Registration date: **2014-09-26, 1393/07/04**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-09-26, 1393/07/04

Registrant information

Name

Reza Nabie

Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 411365577236

Email address

nabier@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2012-07-10, 1391/04/20

Expected recruitment end date

2012-09-10, 1391/06/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Outcome of external dacryocystorhinostomy with monocalicular intubation versus bicanalicular intubation in patient with primary acquired nasolacrimal duct obstruction

Public title

Treatment of Nasolacrimal duct obstruction

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: All patient with primary acquire nasolacrimal duct obstruction Exclusion criteria: History of surgery on nasolacrimal duct, Secondary obstruction in nasolacrimal duct

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 51

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic Committee of Tabriz University Of Medical Sciences

Street address

Room 202 , second floor , Research deputy , Tabriz University Of Medical Sciences , Daneshgah street

City

Tabriz

Postal code

Approval date

2012-11-12, 1391/08/22

Ethics committee reference number

9391

Health conditions studied

1

Description of health condition studied

primary acquire nasolacrimal duct obstruction

ICD-10 code

H04.3

ICD-10 code description

Acute and unspecified inflammation of lacrimal passages

Primary outcomes

1

Description

The degree of nasolacrimal duct obstruction

Timepoint

Every 6 weeks

Method of measurement

MUNK scoring system

Secondary outcomes

1

Description

Foreign body sensation

Timepoint

Every 6 weeks

Method of measurement

MUNK scoring system

Intervention groups

1

Description

External dacteriucyctrinostomy with monocanalicular intubation

Category

Treatment - Surgery

2

Description

External dacteriucyctrinostomy with bicanalicular intubation

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Nikookari Hospital

Full name of responsible person

Rambod Saburihamed

Street address

Room 303, 3rd floor , Nikookari Hospital , Abbasi street

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Deputy of Tabriz University Of Medical Sciences

Full name of responsible person

Mohamadreza Rashidi

Street address

Room 201 , second floor , Research deputy , Tabriz University Of Medical Sciences , Daneshgah street

City

Tabriz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research Deputy of Tabriz 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

Tabriz University Of Medical Sciences

Full name of responsible person

Raheleh Entezari

Position

physician

Other areas of specialty/work

Street address

Room 201, Second floor , Nilkookari Hospital , Abbasi street

City

Tabriz

Postal code

Phone

+98 41 3554 3423

Fax

Email

raheleh.entezari@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tabriz University Of Medical Sciences

Full name of responsible person

Reza Nabei

Position

Ophatalmologist

Other areas of specialty/work

Street address

Room 300, 3rd floor , Nilkookari Hospital , Abbasi street

City

Tabriz

Postal code

Phone

+98 41 3334 4546

Fax

Email

r_nabie@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Tabriz University Of Medical Sciences

Full name of responsible person

Amir Kamalifar

Position

physician

Other areas of specialty/work

Street address

Room 202 , second floor , Research deputy , Tabriz University Of Medical Sciences , Daneshgah street

City

Tabriz

Postal code

Phone

00

Fax

Email

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