Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Outcome of external Dacryocystorhinostomy without intubation versus monocanalicular 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. Forty-six patients will be chosen and randomly divided in two groups of A and B; each composed of 23 individuals. In group A intervention includes external dacteriucyctrinostomy with intubation monocanalicular (silicon tube) and in group B intervention includes external dacteriucyctrinostomy without 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: **IRCT201206216388N3**
Registration date: **2012-06-27, 1391/04/07**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2012-06-27, 1391/04/07

Registrant information

Name

Mohamadhossein Somi

Name of organization / entity

Tabriz University of Medical Science

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Research Deputy of 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 without intubation versus monocanalicular 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: **46**
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
2012-01-09, 1390/10/19
Ethics committee reference number
5/48178

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

empty

Intervention groups

1

Description
External dacteriucyctrinostomy with monocanalicular intubation
Category
Treatment - Surgery

2

Description
External dacteriucyctrinostomy without 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
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Room 201 , second floor , Research deputy , Tabriz University Of Medical Sciences , Daneshgah street
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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
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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