

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jul 2026

Evaluation of efficacy of nasolacrimal duct obstruction by probing without irrigation in children under 3 years old

Protocol summary

Summary

This is a Clinical trial interventional study on patients with persistent congenital Nasolacrimal duct obstruction in order to evaluate the results of probing without irrigation in special clinics for 3yr in Kerman , Iran . Nasolacrimal duct obstruction is defined by persistent epiphora with or without mucopurulent discharge from birth. The inclusion criteria are epiphora , increased tear meniscus , mucopurulent discharge and the children who have been under probing are excluding. In intervention group the probing is performing without irrigation under short time general anesthesia without Intra Venous line, In control group the probing is performing with irrigation under general anesthesia with Intra Venous Line .However Probing success is defined as a complete remission of epiphora and mucopurulent discharge at 3 months.

General information

Acronym

NLDO

IRCT registration information

IRCT registration number: **IRCT201108227219N3**

Registration date: **2011-12-24, 1390/10/03**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-12-24, 1390/10/03

Registrant information

Name

Esmat Karbassi

Name of organization / entity

Kerman Medicine University

Country

Iran (Islamic Republic of)

Phone

+98 34 1211 1132

Email address

mkarbasi@kmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Kerman Medical University of Science

Expected recruitment start date

2009-08-01, 1388/05/10

Expected recruitment end date

2012-05-21, 1391/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of efficacy of nasolacrimal duct obstruction by probing without irrigation in children under 3 years old

Public title

The effect of probing without irrigation

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria :The main eligibility criteria were epiphora, increased tear meniscus, mucopurulent discharge. The fluorescein dye disappearance test was used to confirm the diagnosis. exclusion criteria : the patients who have history of failed probing .

Age

From **1 year** old to **3 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 200

Randomization (investigator's opinion)

Randomized

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

Kerman University of Medical Sciences

Street address

Jomhori Eslami BL , Kerman , Iran

City

Kerman

Postal code

Approval date

2009-01-27, 1387/11/08

Ethics committee reference number

10/11

Health conditions studied

1

Description of health condition studied

Nasolacrimal Duct Obstruction

ICD-10 code

H04.2

ICD-10 code description

Epiphora

Primary outcomes

1

Description

Epiphora

Timepoint

Before operation ,one and three Months after operation

Method of measurement

Tear meniscus measurment

Secondary outcomes

1

Description

Chronic Dacryocystitis

Timepoint

Befor Operation, One and Three months after operation

Method of measurement

mucopurulent Discharge`s Signe

Intervention groups

1

Description

Intervention Group : probing without irrigation , without Intra Venuse Line under short general unesthesia .

Category

Treatment - Surgery

2

Description

Control Group : Probing with irrigation under General Unesthesia with Intra Venuse Line.

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Ophthalmic Clinics Affiliated With The University of Kerman, Kerman

Full name of responsible person

Esmat Karbassi

Street address

Jomhori Eslami BL , Kerman , Iran

City

Kerman

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kerman University of Medical Sciences, Department of Research

Full name of responsible person

Esmat Karbassi

Street address

Jomhori Eslami BL , Kerman ,Iran

City

Kerman

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kerman University of Medical Sciences, Department of Research

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

Kerman University of Medical Sciences

Full name of responsible person

Saleh Hamzeh

Position

Medical Student

Other areas of specialty/work

Street address

Jomhori Eslami BL , Kerman , Iran

City

Kerman

Postal code

Phone

+98 936 642 8868

Fax

Email

Sh_karbassi@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Kerman University of Medical Sciences

Full name of responsible person

Esmat Karbassi

Position

Strabismus Subspecialty Fellowship

Other areas of specialty/work

Street address

Jomhori Eslami BL , Kerman , Iran

City

Kerman

Postal code

Phone

+98 913 340 0196

Fax

Email

Sh_karbassi@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Kerman University of Medical Sciences

Full name of responsible person

Saleh Hamzeh

Position

Medical Student

Other areas of specialty/work

Street address

Jomhori Eslami BL , Kerman , Iran

City

Postal code

Phone

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