

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

Comparison of outcome with different volumes feeding in preterm neonates in alzahra hospital in rasht city in 2014

Protocol summary

Summary

Feeding in premature infants is faced with many challenges. Conventional feeding in premature infants is 20 cc/kg/day that begins within 7 to 10 days until to reach full enteral feeding (150 cc / kg / day). In this study, daily milk volumes will be increased up to 30 cc/kg/day (in interventional arm) and neonatal outcomes will be assessed in scheduled intervals in both interventional and non-interventional arms.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013041512803N2**
Registration date: **2015-10-03, 1394/07/11**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-10-03, 1394/07/11

Registrant information

Name

Sadroddin Mahdipour

Name of organization / entity

Babol University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 1324 6963

Email address

smb1355@gmail.com

Recruitment status

Recruitment complete

Funding source

Guilan University of Medical Sciences

Expected recruitment start date

2014-07-27, 1393/05/05

Expected recruitment end date

2015-05-22, 1394/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of outcome with different volumes feeding in preterm neonates in alzahra hospital in rasht city in 2014

Public title

Comparison of outcome with different volumes feeding in preterm neonates in alzahra hospital in rasht city in 2014

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterion: neonates without chromosomal anomaly, congenital heart disease and IUGR. Exclusion criteria: necrotizing enteric colitis (NEC); parental unwillingness to continue study.

Age

From **1 day** old to **31 days** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **62**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Guilan University of Medical Sciences

Street address

Guilan University of Medical Sciences, Gas Square

City

Rasht

Postal code

Approval date

2014-11-17, 1393/08/26

Ethics committee reference number

1930382801

Health conditions studied

1

Description of health condition studied

Preterm infant

ICD-10 code

P07.3

ICD-10 code description

28 completed weeks or more but less than 37 completed weeks (196 completed days but less than 259 completed days) of gestation.

Primary outcomes

1

Description

Mean weight

Timepoint

First week

Method of measurement

Weiting of infant by scale

Secondary outcomes

1

Description

Admission time

Timepoint

Hospital discharge time

Method of measurement

Medical records

Intervention groups

1

Description

breast feeding or formula with 30 cc/kg/day in interventional group

Category

Other

2

Description

breast feeding or formula with 20cc/kg/day in control group

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Alzahra Hospital

Full name of responsible person

Sadreddin Mahdipour

Street address

Alzahra Hospital

City

Rasht

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Guilan University of Medical Sciences

Full name of responsible person

Dr. Abtin Heidarzade

Street address

Guilan University of Medical Sciences, Gas Square

City

Rasht

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Guilan 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

+98 13 3336 9002

Fax
Email
smb1355@gmail.com
Web page address

Person responsible for general inquiries

Contact

Name of organization / entity
Guilan University of Medical Sciences
Full name of responsible person
Sadroddin Mahdipour
Position
Pediatrician
Other areas of specialty/work
Street address
Pediatric Disease Research Center, Alzahra hospital,
Guilan University of Medical Sciences
City
Rasht
Postal code
Phone
+98 13 3336 9002
Fax
Email
s.mahdipour@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Guilan University of Medical Sciences
Full name of responsible person
Sadroddin Mahdipour
Position
Neonatologist
Other areas of specialty/work
Street address
Pediatric Disease Research Center, Alzahra hospital,
Guilan University of Medical Sciences
City
Rasht
Postal code
Phone

Person responsible for updating data

Contact

Name of organization / entity
Guilan University of Medical Sciences
Full name of responsible person
Sadreddin Mahdipour
Position
Pediatrician
Other areas of specialty/work
Street address
Pediatric Disease Research Center, Alzahra hospital,
Guilan University of Medical Sciences
City
Rasht
Postal code
Phone
+98 13 3336 9002
Fax
Email
s.mahdipour@yahoo.com
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