

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jul 2026

The effect of the breastfeeding training to mothers on the full term neonates blood glucose

Protocol summary

Summary

The overall basic objective of this study are, to determine the effect of the correct way of breastfeeding on the amount of glucose in 6 hours after the birth ,to determine the blood sugar of the neonates,to compare the hypoglycemia in two group,to show relationship between the blood sugar of neonates and their demographic features. This is an interventional study including participation 70 people. Inclusion criteria included : totally healthy pregnant women in the final trimester of pregnancy with the live delivery ; full term healthy neonate with intrauterine age (37 weeks to 41 weeks and 6 days) 2500 - 3900 g weighing born in hospital . Exclusion criteria included :the lack of tendency of the client to take part in the research,neonate ; healthy full-term neonate at the moment of the birth ,but during the study (first 6 hours after from birth) are unhealthy for any reason ;the woman who don't take any medication but in the first 6 hours after birth have to take medicine (except complementary)for any reason.in this study .researcher trains mothers about the correct way of breastfeeding and its relationship and reduction of blood sugar and advantages of this system. Researcher also determines and compares blood sugar of neonates in 3 steps and show the impact of training on 2 group

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013090414561N1**

Registration date: **2013-10-16, 1392/07/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-10-16, 1392/07/24

Registrant information

Name

fatemeh Allahkarampour

Name of organization / entity

Shiraz University Of Medical Science

Country

Iran (Islamic Republic of)

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Email address

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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Science

Expected recruitment start date

2013-06-10, 1392/03/20

Expected recruitment end date

2013-09-11, 1392/06/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of the breastfeeding training to mothers on the full term neonates blood glucose

Public title

The effect of the breastfeeding training to mothers on the full term neonates blood glucose in the Shahid rajaei Hospital ,Gachsaran,1392

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria are: healthy mothers with no diseases

such as (hypertension, lupus, heart disease, diabetes, etc.) during pregnancy; mothers who are in the last trimester of pregnancy (37 weeks gestation) with ability of reading and writing (at least in grade of 5 of primary school)with no education in nursing and midwifery; mother consen to take part in this study; mothers who have live delivery in the hospital in Gachsaran; Primigravida;Healthy Neonate with the 37-41 weeks of intrauterine age weighing 2500-3900 g who born in Rajai hospital; mothers with no medication in pregnancy except supplements. Exclusion criteria: mothers with no tendency to participate in this study;mothers who are not able to participate in entire sessions of training,neonates who are healthy at the moment of the birth but get some sorts of problem for any reason during the study (6 hours after birth);mothers who have no medication but supplement during the pregnancy but eithin the 6 hours have to take medication.

Age

From **37 years** old to **41 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

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**

Shiraz University of Medical Science

Street address

Setad

City

Shiraz

Postal code**Approval date**

2013-06-08, 1392/03/18

Ethics committee reference number

ct-92-6613

Health conditions studied**1****Description of health condition studied**

Neonate blood glucose range

ICD-10 code

p70.4

ICD-10 code description

Other Neonatal hypoglycaemia

Primary outcomes**1****Description**

Blood glucose range

Timepoint

The first time - the third and sixth hours postnatal

Method of measurement

Capillary

Secondary outcomes

empty

Intervention groups**1****Description**

teach correct breastfeeding way to mothers during pregnancy

Category

Prevention

Recruitment centers**1****Recruitment center****Name of recruitment center**

Shaheed Rajai Gachsaran Hospital

Full name of responsible person

Fatemeh allahkarampour

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No 675, Bahonar6

City

Gachsaran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice-chancellor for research -Shiraz University of Medical Science

Full name of responsible person

Fatemeh Hashemi

Street address

Shiraz University Of Medical Science

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice-chancellor for research -Shiraz University of Medical Science

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

Shiraz Medical Scince University

Full name of responsible person

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Position

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Other areas of specialty/work

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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