Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

The effect of kangaroo mother care in weight gain of low birth weight neonates at 17 Shahrivar and 22 Bahman hospitals

Protocol summary

Summary

The goal of our study was to assess the effect of kangaroo mother careon the weightgain of low birth weight neonates. Inclusion criteria included infants who weighed 2500 g and exclusion criteria included tobe worse infants, connection to the ventilator, lack of breast feeding and mother,s non-cooperation. 50 neonates with the history of low birth weight will assess. The patients will devide into two groups. The intervention group consist of 25 kangaroo mother careinfants and the control group contain 25 non KMC or routine conventional care infans.in both groups breast-fed infants and appear to embrace maternal ban (intubation, etc.) . Intervention group is set Skin contact between mother and baby a time of day.The control group are receive routine care and feeding. Every day each group weight in one hour with a scale and in a dry diaper and clothes until discharge and the numbers are recorded.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201209094431N2**
Registration date: **2013-07-20, 1392/04/29**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-07-20, 1392/04/29

Registrant information

Name

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Name of organization / entity

Baghiatallah University

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Personal

Expected recruitment start date

2012-10-21, 1391/07/30

Expected recruitment end date

2013-03-19, 1391/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of kangaroo mother care in weight gain of low birth weight neonates at 17 Shahrivar and 22 Bahman hospitals

Public title

The effect of kangaroo mother care in weight gain of low birth weight neonates

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria included infants who weighed 2500 g and exclusion criteria included tobe worse infants, connection to the ventilator, Lack of breast feeding and mother,s non-cooperation

Age

From **10 years** old to **40 years** old

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **50**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Faculty of Medicine, Islamic Azad University of Mashhad
Street address
Khosravi across four lanes Registration - Medical Shahinshahr
City
Mashhad
Postal code
Approval date
2012-05-21, 1391/03/01
Ethics committee reference number
132456

Health conditions studied

1

Description of health condition studied
LBW
ICD-10 code
P07.1
ICD-10 code description
Other low birth weight

Primary outcomes

1

Description
Weight
Timepoint
Every day
Method of measurement
With Scale

Secondary outcomes

empty

Intervention groups

1

Description
Skin contact between mother and baby at a time of day is set. Every day, infants will weight without clothes and with a dry diaper an hour by a person and the numbers are recorded.
Category
Behavior

2

Description
The control group are receive routine care and feeding schedule. Every day, infants will weight without clothes and with a dry diaper an hour by a person and the numbers are recorded
Category
Behavior

Recruitment centers

1

Recruitment center
Name of recruitment center
22 Bahman Hospital
Full name of responsible person
Street address
City
Mashhad

2

Recruitment center
Name of recruitment center
17 shahrivar hospital
Full name of responsible person
Street address
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Azad University of Mashhad
Full name of responsible person
Dr Saeid Abtahi
Street address
Mashhad Azad University - School of Medicine
City
Mashhad
Grant name

Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Azad University of Mashhad
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
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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