

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

The effect of Newborn massage on paternal-Newborn attachment - Randomized control Trial

Protocol summary

Summary

The present study evaluated the effect of infant massage with father on father- infant attachment. 100 infant that due to Jaundice were admitted and have Inclusion criteria such as: were full term, birth weight above 2500 gr and no sever illness – enter study and randomized control and intervention group. Because of sample loss, Control group with 48 infant and Intervention group with 37 infant analyzed. All of fathers at once after admitted, fill demographic Questionnaire and father- infant attachment Questionnaire (John Condon 2008). In intervention group, fathers during 3 days research massaged their infant daily but control group fathers visited their infant according to hospital routine. After 4 days the fathers of groups, fill father-infant attachment Questionnaire again. Finally the data of Questionnaire analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013061713691N1**

Registration date: **2015-02-05, 1393/11/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-02-05, 1393/11/16

Registrant information

Name

Mohammad Arshadi Bostanabad

Name of organization / entity

Tabriz University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Tabriz Medical Sciences University

Expected recruitment start date

2013-06-21, 1392/03/31

Expected recruitment end date

2013-11-21, 1392/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Newborn massage on paternal-Newborn attachment – Randomized control Trial

Public title

The effect of Newborn massage on paternal-Newborn attachment – Randomized control Trial

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: birth age above 37 week; birth weight above 2500gr; Apgar score of 1 and 5 minute after birth was 8-10; clinical stability; Exclusion criteria: serious illness of newborn

Age

From **1 day** old to **1 year** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 72

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

Tabriz University of Medical Sciences

Street address

South Sharyati Ave.-

City

Tabriz

Postal code

5138947977

Approval date

2013-06-03, 1392/03/13

Ethics committee reference number

9240

Health conditions studied

1

Description of health condition studied

paternal-Newborn attachment

ICD-10 code

Z00.6

ICD-10 code description

Examination for normal comparison and control in clinical research programme

Primary outcomes

1

Description

attachment

Timepoint

before Intervention- 3 days post Intervention

Method of measurement

Paternal- infant attachment Questionnaire John Condon2008

Secondary outcomes

empty

Intervention groups

1

Description

In intervention group fathers during 3-day study massage their infant once daily. The father warms his hand and places the infant on a desk and applies olive oil and starts massaging the infant from the leg and continues to the arm, chest, head and back during 8 phases that last approximately 12 minutes. 1) Begin with baby's feet. Using your thumb and index finger, stroke from toe to heel along the sole of the foot and toe to ankle on the top of the foot. 2) Now, hold baby's leg gently at the ankle with one hand and using a slow, gentle circular motion, stroke from baby's ankle to hip with alternating hands. 3) Move to baby's hands. Open baby's hand with your thumb and gently stroke the palm and top of the hand. Gently roll each of baby's fingers between your index finger and thumb. 4) Hold baby's wrist with one hand and stroke from the wrist to the shoulder. Then, massage around each shoulder with gentle, small, circular motions. 5) Using a circular motion and light touch, stroke baby's tummy in a clockwise direction below the rib cage. Avoid baby's navel if the cord is still attached. 6) Then, place both hands on the center of baby's chest. Gently stroke out to the sides, bring your hands down and then back up to the center of the baby's chest. 7) Cradle baby's head with your hands. Using both thumbs, gently stroke baby's head in a circular motion, moving around the crown and ears. Avoid baby's soft spots. 8) Place baby on tummy. Start with both hands together on baby's back. Slowly stroke baby from the shoulders to the buttocks and back to the shoulders.

Category

Other

2

Description

In the Control group, Fathers visit their infants as ward routine and have no accessibility to research team during hospitalization.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

29 Bahman Hospital

Full name of responsible person

Javad Rezanezhad

Street address

29 Bahman Blvd

City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Dr Shakouri

Street address

Tabriz University of Medical Sciences- Daneshgah Ave.

City

Tabriz

Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

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

Person responsible for scientific inquiries

Contact
Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Arshadi Bostanabad Mohammad

Position

PhD Student

Other areas of specialty/work
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Web page address

Person responsible for updating data

Contact

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