

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jun 2026

### Comparing continuous milk feeding versus intermitant milk feeding for very low birth weight(VLBW) infants with Nasogastic tube(N.G.T) at 70 infants admitted in Emamreza hospital

#### Protocol summary

##### Summary

One percent of neonates have less than 1500 gr birth weight, but 50% of neonates mortality is in this group of infants. Because of sucking and swallowing problems they can't gate feeding by their mother breast and them commonly fed by milk via nasogastric tube (NGT) by continuous or intermit ant methodes or cup feeds. We study the type of feeding by nasogastric tube (type I continuous NGT feeding and type II, 2 hours intermittent NGT feeding in very low birth weight infants) on weight gain. 73 very low birth weight infants who receive 180 cc/kg/24 h oral feeding will be studied. Exclusion criteria is infants with mechanical ventilatortherapy , Congenital anomaly , antibiotic therapy , Anemia, renal failure, Gastrointestinal disorder, infection, respiratory disorder and sever moderate IVH. The infants weight gain and the complication of type of feeding will be recorded.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138710221378N3**

Registration date: **2009-06-23, 1388/04/02**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2009-06-23, 1388/04/02

##### Registrant information

##### Name

Ahmadshah Farhat

##### Name of organization / entity

Neonatal Research Center of Mashhad University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 3852 1121

##### Email address

farhata@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

mashhad university of medical science

##### Expected recruitment start date

2004-01-02, 1382/10/12

##### Expected recruitment end date

2005-01-01, 1383/10/12

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparing continuous milk feeding versus intermitant milk feeding for very low birth weight(VLBW) infants with Nasogastic tube(N.G.T) at 70 infants admitted in Emamreza hospital

##### Public title

Comparing continuous milk feeding versus intermitant milk feeding for very low birth weight(VLBW) infants with Nasogastic tube(N.G.T) at 70 infants admitted in Emamreza hospital

##### Purpose

Supportive

##### Inclusion/Exclusion criteria

Inclusion criteria: Preterm infant that has birth weight less than 1500 gr that they are health and haven't special disease. Exclusion criteria: 1. Having mechanical

ventilator 2. Congenital anomaly 3. antibiotic therapy 4. Anemia, renal failure, Gastrointestinal disorder, infection, respiratory disorder and sever moderate IVH

#### Age

No age limit

#### Gender

Both

#### Phase

2-3

#### Groups that have been masked

No information

#### Sample size

Target sample size: 73

#### 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

Vice chanceler of Mashad university of medical sciences

##### Street address

Ghoreshi bilding-daneshgah street

##### City

Mashhad

##### Postal code

13131-91379

#### Approval date

2006-01-28, 1384/11/08

#### Ethics committee reference number

1696-ع

## Health conditions studied

### 1

#### Description of health condition studied

style of feeding in low birth wegith

#### ICD-10 code

P92.8

#### ICD-10 code description

Other feeding problems of newborn

## Primary outcomes

### 1

#### Description

improving of grow in low birth weight neonate

#### Timepoint

Continue sly until NGT were disconnect in 24 hour

#### Method of measurement

weight

## Secondary outcomes

### 1

#### Description

evaluation of nasogastric feeding complications in low birth weight neonates

#### Timepoint

every tow hour in 24 until nasogastric tube were disconect

#### Method of measurement

side effect such as septeceemia NEC,IVH,pulmonary hemmorrhge

## Intervention groups

### 1

#### Description

continue feeding throught NGT

#### Category

Other

### 2

#### Description

Intermittent feeding thought nasogastric tube each 2 hours until 24 hours

#### Category

Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

NICU of emamreza hospital

##### Full name of responsible person

Dr.Ahmadshah Farhat

##### Street address

NICU- Emamreza hospital

##### City

Mashhad

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Mashhad university of medical science

**Full name of responsible person**

Dr jalil tavakol afshari

**Street address**

Ghoreshi bulding-daneshgah street

**City**

Mashhad

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

Yes

**Title of funding source**

Mashhad 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**

Neonatal Research Center

**Full name of responsible person**

Dr. Ahmadshah Farhat

**Position**

Neonatologist, assistant professor

**Other areas of specialty/work****Street address**

NRC-NICU-Emamreza hospital

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**Email**

farhata@mums.ac.ir

**Web page address**

www.mums.ac.ir/nrc

**Person responsible for scientific inquiries****Contact****Name of organization / entity**

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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*