Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Comparison of the effect of Koran (yasin) and Lullaby music listening on physiological indicators of premature neonates admitted in Motahari hospital of Jahrom

Protocol summary

Summary

Goal: Compare between effect of lilt of Koran and lalaie on newborn physiologic indicators Design: at first check hearing by startle reflex. Then assesse in every 3 group, 40 minute in every day, in 1 week. Every 3 group match some demographic variables as: sex-BW-BT. More over uses of co-variance test. O2 sat assess by puls-oximetry. 1 group (control) gives normal care and silent head phone, 1 group (intervention1) gives normal care and lilt of Koran (1-83 yasin) 20 minute, 1 group (intervention2) gives normal care and lilt of lalaie20 minute. Before intervention, 10 min after, 20 min after start and 40 min after start HR and O2 SAT will assess. Cases: 60 preterm newborn those have included criteria randomize in 3 groups. All of them in 1 week and every day 40 min will assess. Control group receive off headphone, 1 group tilt of Koran and other lalaie. Inclusion criteria: preterm newborn admitted in NICU; no history of maternity anomaly, CHD, deafness, mother addiction to cigarette or alcohol; no use of ventilator; no use of narcotic or sedative drug; Muslim parents Exclusion criteria: during study diagnosis of abnormality -parent dissatisfaction; newborn agitation during intervention-discharge before 1 week- dead and missing data. Interventions: lalaie- lilt of Koran-normal situations Variables: O2saturation, heart rate

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014101819566N2**
Registration date: **2014-11-08, 1393/08/17**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2014-11-08, 1393/08/17

Registrant information

Name
Mohsen Hojat
Name of organization / entity
Jahrom University of Medical Sciences
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Recruitment status

Recruitment complete

Funding source

jahrom university of medical sciences

Expected recruitment start date

2012-03-19, 1390/12/29

Expected recruitment end date

2015-03-20, 1393/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effect of Koran (yasin) and Lullaby music listening on physiological indicators of premature neonates admitted in Motahari hospital of Jahrom

Public title

Comparison of the effect of Koran (yasin) and Lullaby music listening on physiological indicators of premature neonates admitted in Motahari hospital of Jahrom

Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion criteria: preterm newborn admited in NICU; no history of maternity anomaly, CHD, deafness, mother adiction to cigarette or alcohol; no use of ventilator; no use of narcotic or sedative drug; muslim parents
Exclusion criteria: during study diagnosis of abnormality parent dissatisfaction; newborn agitation during intervation discharge befor 1 week dead and missing data.
Age
From **1 day** old to **1 month** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **60**
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
jahrom university medical sciences
Street address
jahrom-fars-iran
City
jahrom
Postal code
Approval date
2012-09-22, 1391/07/01
Ethics committee reference number
1879

Health conditions studied

1

Description of health condition studied
Preterm newborn
ICD-10 code
P07.3
ICD-10 code description
Other preterm infants

Primary outcomes

1

Description
O2 saturation
Timepoint
Before intervantion, 10 min after intervention, 20 min after, 40 min after
Method of measurement
Puls oxymetry

2

Description
Mean heart rate
Timepoint
Before intervantion, 10 min after intervention, 20 min after and 40 min after
Method of measurement
Central monitoring

Secondary outcomes

1

Description
Pain
Timepoint
Before intervention and 40 min after
Method of measurement
visual pain scale

Intervention groups

1

Description
control group:give head phone with out soundgive normal care in ward
Category
Other

2

Description
intervention1: give 20 minute lilt of koran 1-83 Yasin-Tartil male sound
Category
Other

3

Description
intervention 2: give 20 miute lilt of Lalie by male sound
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Ostad Motahari hospital
Full name of responsible person
Mohsen Hojat
Street address
Ostad Motahari hospital, Motahari aven., Jahrom
City
Jahrom

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
jahrom university of medical sciences
Full name of responsible person
mohsen hojat
Street address
motahari aven-jahrom-jahrom universit medical sciences
City
Jahrom
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
jahrom 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
Name of organization / entity
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Mohsen Hojat
Position
Faculty member, PhD student of nursing
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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