

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

The effect of quadruped or lateral decubitus position on correction of gestational hydronephrosis in the third trimester of pregnancy: A clinical trial

Protocol summary

Study aim

Determining the effect of quadruped or lateral decubitus position on correction of gestational hydronephrosis in the third trimester of pregnancy

Design

Clinical trial without control group on 45 patients

Settings and conduct

Patients referred to Hajar teaching Center in Shahrekord will be examined from Mordad 1401 to Mordad 1401

Participants/Inclusion and exclusion criteria

Participants are pregnant women with gestational age of 28-40 weeks with a renal pelvis diameter of larger or equal to 5 mm.

Intervention groups

Patients are in the Quadruped position for 10 minutes and if they are unable to position the Lateral Decubitus position, so that the side which has hydronephrosis is upwards.

Main outcome variables

AP diameter of renal pelvis

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171118037525N2**

Registration date: **2022-07-01, 1401/04/10**

Registration timing: **prospective**

Last update: **2022-07-01, 1401/04/10**

Update count: **0**

Registration date

2022-07-01, 1401/04/10

Registrant information

Name

Flora Mazaheri

Name of organization / entity

Isfahan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 36246171

Email address

flora.mazaheri@yahoo.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-07-23, 1401/05/01

Expected recruitment end date

2023-02-19, 1401/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of quadruped or lateral decubitus position on correction of gestational hydronephrosis in the third trimester of pregnancy: A clinical trial

Public title

The effect of quadruped or lateral decubitus position on correction of gestational hydronephrosis in the third trimester of pregnancy: A clinical trial

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Female gender and pregnant Gestational age 28-40 weeks Hydronephrosis with pelvis diameter of more than

or equal to 5 mm

Exclusion criteria:

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 45

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shahrekord University of Medical Sciences

Street address

Vice Chancellor for Research and Technology,
Building No. 2, University Headquarters, Kashani Blvd.

City

Shahrekord

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8815713471

Approval date

2022-03-09, 1400/12/18

Ethics committee reference number

IR.SKUMS.MED.REC.1401.001

Health conditions studied

1

Description of health condition studied

Hydronephrosis in pregnancy

ICD-10 code

N13.3

ICD-10 code description

Other and unspecified hydronephrosis

Primary outcomes

1

Description

AP diameter of renal pelvis

Timepoint

Before the intervention, immediately after intervention, 6 weeks after delivery

Method of measurement

Sonography

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Quadruped or lateral decubitus position

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Hajar hospital

Full name of responsible person

Flora Mazaheri

Street address

Hajar hospital, Parastar st.

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Postal code

8816754633

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flora.mazaheri@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahre-kord University of Medical Sciences

Full name of responsible person

Mehraban Sadeghi

Street address

Vice Chancellor for Research, Building No. 2,
University Headquarters, Ayatollah Kashani Blvd.

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+98 38 3334 2414

Email

Sadeghi@skums.ac.ir

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

Yes

Title of funding source

Shahre-kord University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding*empty***Country of origin****Type of organization providing the funding**

Academic

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

Shahre-kord University of Medical Sciences

Full name of responsible person

Flora Mazaheri

Position

Resident

Latest degree

Medical doctor

Other areas of specialty/work

Gynecology and Obstetrics

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

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Full name of responsible person

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Person responsible for updating data**Contact****Name of organization / entity**

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Information is kept confidential

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Not applicable

Title and more details about the data/document

Information about the main outcome can be shared

When the data will become available and for how long

After publishing the results

To whom data/document is available

Researchers working in academic and scientific institutions

Under which criteria data/document could be used

Using data to complete studies

From where data/document is obtainable

Dr. Flora Mazaheri, Shahrekord University of Medical Sciences

What processes are involved for a request to access data/document

By examining the researcher's request and providing sufficient documentation of his research and the reason for using the data can be provided

Comments