

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jun 2026

Evaluation of the outcome of previous cesarean scar pregnancy after laparoscopic surgery

Protocol summary

Study aim

Determination of the laparoscopic surgery on the management of cesarean scar pregnancy

Design

A non-randomized clinical trial, with the single group

Settings and conduct

In this study, 38 patients with cesarean scar pregnancy are included in the study. Due to having only one treatment group, there is no blinding. These patients undergo laparoscopy. So that during laparoscopy, the bladder peritoneum separates from the lower uterine segment, and resection of the gestational sac is performed. Myometrial thickness, isthmocele prevalence, and the prevalence of abnormal postoperative bleeding will be recorded.

Participants/inclusion and exclusion criteria

Inclusion criteria include confirmation of cesarean scar pregnancy based on ultrasound criteria and consent to participate in the study. Exclusion criteria are unstable hemodynamic symptoms.

Intervention groups

In this study, patients undergo laparoscopy surgery. During laparoscopy, the bladder peritoneum separates from the lower uterine segment, and resection of the gestational sac is performed.

Main outcome variables

Myometrial thickness; Isthmocele prevalence; Prevalence of abnormal postoperative bleeding

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20120201008897N8**

Registration date: **2020-12-14, 1399/09/24**

Registration timing: **prospective**

Last update: **2020-12-14, 1399/09/24**

Update count: **0**

Registration date

2020-12-14, 1399/09/24

Registrant information

Name

Safoura Rouholamin

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-12-21, 1399/10/01

Expected recruitment end date

2021-06-21, 1400/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the outcome of previous cesarean scar pregnancy after laparoscopic surgery

Public title

Evaluation of the efficacy of laparoscopic for the management of cesarean scar pregnancy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Confirmation of pregnancy at the site of cesarean scar based on ultrasound criteria Consent to participate in the study

Exclusion criteria:

Having unstable hemodynamic symptoms

Age

No age limit

Gender

Female

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 38

Randomization (investigator's opinion)

Not randomized

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 Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Sciences, Hezarjerib Street

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8179964167

Approval date

2020-07-30, 1399/05/09

Ethics committee reference number

IR.MUI.MED.REC.1399.348

Health conditions studied**1****Description of health condition studied**

Cesarean scar pregnancy

ICD-10 code

O34.21

ICD-10 code description

Maternal care for scar from previous cesarean delivery

Primary outcomes**1****Description**

Myometrial thickness

Timepoint

Three months after laparoscopy

Method of measurement

Sonography

2**Description**

Isthmocele

Timepoint

Three months after laparoscopy

Method of measurement

Sonography

Secondary outcomes**1****Description**

Abnormal bleeding

Timepoint

6months after laparoscopy

Method of measurement

Observation

Intervention groups**1****Description**

Intervention group: In this study, patients undergo laparoscopy surgery. During laparoscopy, the bladder peritoneum separates from the lower uterine segment, and resection of the gestational sac is performed.

Category

Treatment - Surgery

Recruitment centers**1****Recruitment center****Name of recruitment center**

Al-Zahra Hospital

Full name of responsible person

Safoura Rouholamin

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Recruitment center

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
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dean@med.mui.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
No
Title of funding source
Isfahan 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
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Assistant professor
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Non-faculty specialist physician

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Specialist

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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

There is no further information

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

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available