

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

28 Jun 2026

### Lower uterine compression sutures for the Treatment of Postpartum Hemorrhage due to Placenta Previa Complete centralis; prospective study

#### Protocol summary

##### Summary

Objective: To assess the efficacy of lower uterine compression sutures (involved bilateral uterine artery ligation and compression of the lower uterine segment at the same time with one circular stitch) as a conservative treatment for the treatment of postpartum hemorrhage in women with placenta previa complete centralis.

Method: This prospective study of 25 women with postpartum hemorrhage following removal of placenta previa complete centralis during elective cesarean section. All 25 patients will have lower uterine compression sutures (involving bilateral uterine artery ligation and compression of the lower uterine segment at the same time with one circular stitch). All patients will be followed postpartumly for evaluation of uterine cavity and menstrual cycles

#### General information

##### Acronym

Placenta Previa Complete centralis

##### IRCT registration information

IRCT registration number: **IRCT2014040517081N1**

Registration date: **2014-04-12, 1393/01/23**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-04-12, 1393/01/23

##### Registrant information

###### Name

Khalid Mohamed

###### Name of organization / entity

Benha univesity

###### Country

Egypt

##### Phone

-

##### Email address

dr.khalidkhaber77@fmed.bu.edu.eg

##### Recruitment status

**Recruitment complete**

##### Funding source

self funded

##### Expected recruitment start date

2014-04-07, 1393/01/18

##### Expected recruitment end date

2014-05-31, 1393/03/10

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Lower uterine compression sutures for the Treatment of Postpartum Hemorrhage due to Placenta Previa Complete centralis; prospective study

##### Public title

Lower uterine compression sutures for the Treatment of Postpartum Hemorrhage due to Placenta Previa Complete centralis

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: All patients had placenta previa complete centralis (25). The inclusion criteria are a gestation age of  $\geq 28$  weeks and antepartum hemorrhage; intraoperative postpartum hemorrhage and discovery of a placenta previa; successful removal of the placenta exclusion criteria: shock due to massive blood loss ,failure of successful removal of the placenta

##### Age

From **22 years** old to **45 years** old

**Gender**

Female

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: 25

**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****1****Registry name**

The Universal Trial Number

**Secondary trial Id**

U1111-1154-6638

**Registration date**

2014-03-18, 1392/12/27

**Ethics committees****1****Ethics committee****Name of ethics committee**

Benha faculty of medicine

**Street address**

ej saha street

**City**

Benha

**Postal code****Approval date**

2014-03-20, 1392/12/29

**Ethics committee reference number**

17081

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

placenta previa

**ICD-10 code**

044.1

**ICD-10 code description**

Placenta praevia with haemorrhage

**2****Description of health condition studied**

postpartum hemorrhage

**ICD-10 code**

072

**ICD-10 code description**

Postpartum haemorrhage

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

treatment of postpartum hemorrhage

**Timepoint**

at time of delivery

**Method of measurement**

observation

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

Normal patency of the uterine cavity

**Timepoint**

6 months follow up

**Method of measurement**

sonohysterography

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

. All 25 patients will have lower uterine compression sutures (involved bilateral uterine artery ligation and compression of the lower uterine segment at the same time with one circular stitch).

**Category**

Treatment - Surgery

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

Department of Obstetrics and Gynecology, Benha University Hospital

**Full name of responsible person**

Khalid Mohamed

**Street address**

el saha street -Benha city

**City**

Benha

**Sponsors / Funding sources**

## 1

### Sponsor

**Name of organization / entity**

Department of Obstetrics and Gynecology, Benha University Hospital

**Full name of responsible person**

Khalid Mohamed

**Street address**

el saha street -Benha city

**City**

Benha

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

Yes

**Title of funding source**

Department of Obstetrics and Gynecology, Benha University Hospital

**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**

Department of Obstetrics and Gynecology, Benha University Hospital

**Full name of responsible person**

Khalid Mohamed

**Position**

lecturer ,MD

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

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13518

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**Web page address**

### Person responsible for scientific inquiries

**Contact****Name of organization / entity**

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### Person responsible for updating data

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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*