

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

28 Jun 2026

### Clinical investigation of wound healing effect of topical dragons blood cream

#### Protocol summary

##### Summary

The main purpose of this study is investigation of wound healing effect of topical dragons blood cream. This study is a randomized double blind placebo-controlled trial. 60 patients with skin tag lesions will be randomized in two parallel groups Which primary group will receive dragons blood cream and second group will receive placebo. Inclusion criteria: age 14 to 65 years, skin tag lesions that remove with cutting method, benign lesions, the patients without immunosuppressive diseases, the patients that don't receive special drugs , the diameter of lesions should be 3-10 mm. Exclusion criteria: immunosuppressive diseases, pregnancy or breastfeeding. The surgery of lesions will be done in full thickness method by a dermatologist and lesions will cure with secondary intention. When the bleeding is stopped, dragons blood cream will be applied on wound and it will be dressed. Patients will cover the wound with dragons blood cream twice daily for 20 days .Patients will be visited on 3, 5, 7, 10,1 4, 20 days after surgery. The area of wound will be measured using transparent graph paper Sheets divided by 1 square millimeter. First day, area of wound is 100 percent and healing is 0 percent. Next days, area of wound will be measured. So wound healing is compared with the first day until healing will be 100 percent. Then total time of healing will be recorded for every wound.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201008224610N1**  
Registration date: **2011-10-27, 1390/08/05**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2011-10-27, 1390/08/05

##### Registrant information

###### Name

Foroogh Namjoyan

###### Name of organization / entity

School of pharmacy

###### Country

Iran (Islamic Republic of)

###### Phone

+98 61 1373 8380

###### Email address

f.namjooyan@ajums.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Vice chancellor for reseach, Jundishapur University of Medical sciences

##### Expected recruitment start date

2011-02-20, 1389/12/01

##### Expected recruitment end date

2011-05-22, 1390/03/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Clinical investigation of wound healing effect of topical dragons blood cream

##### Public title

Investigation of wound healing effect of topical Dragon's Blood cream

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: age 14 to 65 years, skin tag lesions that remove with cutting method; benign lesions; the patient without immunosuppressive diseases; the patients that don't receive special drugs; the diameter of lesions should be 3-10 mm. Exclusion criteria: immunosuppressive diseases, pregnancy or breastfeeding.

#### Age

From **14 years** old to **65 years** old

#### Gender

Both

#### Phase

3

#### 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

Used

#### Assignment

Parallel

#### Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Jundishapur University of medical Sciences

##### Street address

Jundishapur Medical University Campus

##### City

Ahvaz

##### Postal code

#### Approval date

2010-08-20, 1389/05/29

#### Ethics committee reference number

2256

## Health conditions studied

### 1

#### Description of health condition studied

wound healing

#### ICD-10 code

T14.1

#### ICD-10 code description

Open wound of unspecified body region

## Primary outcomes

### 1

#### Description

area of wound

#### Timepoint

1st, 3th, 5th, 7th, 14th, 20th days

#### Method of measurement

transparent graph paper

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

cover the wound area in treatment group with a layer of dragon's cream twice daily.

#### Category

Treatment - Drugs

### 2

#### Description

cover the wound area in placebo group with a layer of placebo cream twice daily.

#### Category

Placebo

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Dermatological center of Emam Khomeini hospital

##### Full name of responsible person

Dr. Zahra Beigom Moosavi

##### Street address

##### City

Ahvaz

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Jundishapur University of medical Sciences

##### Full name of responsible person

Dr. Mostafa Fegghi

##### Street address

Vice chancellor for research, Jundishapur University of medical Sciences

##### City

Ahvaz

#### Grant name

#### Grant code / Reference number

**Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Jundishapur 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**

Jundishapur University of medical Sciences

**Full name of responsible person**

Foroogh Namjooyan

**Position**

Ph.D, Assistant Professor

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

Pharmacognosy Department, School of Pharmacy,  
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**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

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**Full name of responsible person**

Fatemeh Saffari

**Position**

student

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Jundishapur University of medical Sciences

**City**

Ahvaz

**Postal code****Phone****Fax****Email****Web page address****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*