

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

26 May 2026

### Evaluation the Suction Blister Epidermal Graft Efficacy in Treatment of Resistant Localized Vitiligo

#### Protocol summary

##### Summary

In this clinical trial study, stable vitiligo patients that are resistant to other usual treatments and have a restricted involvement will be selected. We recommend to patients to discontinue all previous treatments one month before graft surgery. For performing graft, at first the recipient site cryotherapy with liquid nitrogen through two 10 second cycles and after blister induction its roof (epidermis) will be separated. The donor site after cleaning with povidon iodine and local anesthesia attaché to the vacuum device by injected lidocaine and after 2-3 hours the blister be ready and graft will be fixed in the recipient site with suture. Donor and recipient sites are dressed with antibiotic ointment and Vaseline gauze. For keep the site immobile after dressing, the recipient site will be performed under pressure bandage. We take photo from the lesion site before graft and at each visit (monthly until 6 months) for determining repigmentation rate. Finally repigmentation rate of graft site and their severity changes during follow up will be evaluated by comparison photos from patients and their statements.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138902143862N1**

Registration date: **2010-09-23, 1389/07/01**

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

Last update:

Update count: **0**

##### Registration date

2010-09-23, 1389/07/01

##### Registrant information

##### Name

Farahzad Jababri Azad

##### Name of organization / entity

Mashahd University of Medical Scineces

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 1843 6626

##### Email address

banihashemim@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Research Council of Mashhad University of Medical Sciences

##### Expected recruitment start date

2008-07-16, 1387/04/26

##### Expected recruitment end date

2011-03-17, 1389/12/26

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Evaluation the Suction Blister Epidermal Graft Efficacy in Treatment of Resistant Localized Vitiligo

##### Public title

Blister graft in Vitiligo

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: Age more than 18 years, Patients with stable vitiligo to usual treatments with restricted lesion that their size and form fix until 6 month. Also all treatments must be discontinued one month ago. Filling special consent form before surgery. Exclusion criteria: Patients with progressing disease, patients with diffuse widespread disease and not receive other treatments,

Age below 18 years and cases that don't filling consent form

### Age

From **18 years** old to **80 years** old

### Gender

Both

### Phase

N/A

### Groups that have been masked

*No information*

### Sample size

Target sample size: **10**

### 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 Mashad University of Medical Sciences

##### Street address

Central Building of Mashad University of Medical Sciences

##### City

Mashhad

##### Postal code

##### Approval date

2008-07-10, 1387/04/20

##### Ethics committee reference number

87060

## Health conditions studied

### 1

#### Description of health condition studied

vitiligo

#### ICD-10 code

L80

#### ICD-10 code description

Vitiligo

## Primary outcomes

### 1

#### Description

complete healing

#### Timepoint

weekly during first month then monthly untill 6 months

#### Method of measurement

recorded as photo from lesion site at each follow up visit

## Secondary outcomes

### 1

#### Description

side effect

#### Timepoint

weekly during first month and then monthly untill 6 months

#### Method of measurement

recorded as photo from lesion site at each follow up visit

## Intervention groups

### 1

#### Description

Epidermal graft

#### Category

Treatment - Surgery

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Imam Reza Hospital

##### Full name of responsible person

Dr Masoud Maleki, Dr Vahid Sanjari Ardabili

##### Street address

Daneshgah Street

##### City

Mashhad

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Research Council of Mashhad University of Medical Sciences

##### Full name of responsible person

Dr Jalil Tavakoli Afshari

##### Street address

Central Building of Mashad University of Medical Sciences

##### City

Mashhad

##### Grant name

##### Grant code / Reference number

##### Is the source of funding the same sponsor

**organization/entity?**

Yes

**Title of funding source**

Research Council of Mashhad 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**

Department of Dermatology, Ghaem Hospital,  
Mashhad University of Medical Sciences

**Full name of responsible person**

Hadis Yousefzadeh

**Position**

Master of Sciences, Biologist

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

Research center of skin diseases and cutaneous  
leishmaniasis

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Department of Dermatology, Imam Reza Hospital,  
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**Full name of responsible person**

Dr Masoud Maleki, Dr Mahnaz Banihashemi

**Position**

Associate Professor of Dermatology

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

Dermatology Department, Ghaem Hospital, Mashhad  
University of Medical sciences

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leishmaniasis, office building, Ghaem Hospital

**City**

Mashhad

**Postal code****Phone**

+98 51 1841 0135

**Fax****Email**

hadis\_yousefzadeh@yahoo.com

**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*