

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

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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

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Full name of responsible person

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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