

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

Comparison of the treatment's efficacy of micropunch grafting versus follicular grafting in the treatment resistance vitiligo

Protocol summary

Summary

1- Objective: Comparison of the treatment's efficacy of micropunch grafting versus follicular grafting in the treatment resistance vitiligo. 2- Design: Non randomized clinical trial, not blinded. 3- Setting & conduct: 25 patients suffering the treatment resistance vitiligo, aged 12-60 were selected. In one side of vitiligo lesions hair follicle graft were implemented. In the other side the vitiligo lesions, skin punch graft were done. The patients were visited after a week to evaluate the success of the transplant and possible side effects. Patients follow up were implemented up to 6 months. The repigmentation's diameter were measured by ruler and recorded. 4- Participants: Inclusion criteria: Patients diagnosed as stable (with no new lesions, or no progression of previous lesions during a recent year) treatment resistance vitiligo, not pregnant or breast feed and aged between 12 to 60 years. Exclusion criteria: Patients diagnosed as non stable vitiligo (with new lesions, or progression of previous lesions during a recent year), pregnant or breast feed, aged under 12 or over 60 years. 5- Intervention: Hair follicular graft and micropunch skin graft are administering in each patient. 6- Main outcome measures variables: Measurement of repigmentation's degree.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012122611806N1**

Registration date: **2013-01-04, 1391/10/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-01-04, 1391/10/15

Registrant information

Name

Moslem Safarpour

Name of organization / entity

Ahwaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 916 735 0513

Email address

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Recruitment status

Recruitment complete

Funding source

Ahwaz Jundishapur University of Medical Sciences, Vice Chancellor for Research and Technology

Expected recruitment start date

2012-04-24, 1391/02/05

Expected recruitment end date

2012-10-26, 1391/08/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the treatment's efficacy of micropunch grafting versus follicular grafting in the treatment resistance vitiligo

Public title

Comparison of the treatment's efficacy of Skin grafting versus Hair grafting in the treatment resistance vitiligo

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients diagnosed as stable (with no new lesions or no progression of previous lesions during

a recent year) treatment resistance vitiligo , not pregnant or breast feed and aged between 12 to 60 years. Exclusion criteria: patients diagnosed as non stable vitiligo (with new lesions or progression of previous lesions during a recent year); pregnant or breast feed; aged under 12 or over 60 years.

Age
From **12 years** old to **60 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **25**

Randomization (investigator's opinion)
Not randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids
empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ahwaz Ethic Committee of Jundishapur University of Medical Sciences

Street address
Ahwaz Jundishapur University of Medical Sciences, Esfand avenue, Golestan bulvard

City
Ahwaz

Postal code
15794-61357

Approval date
2012-04-21, 1391/02/02

Ethics committee reference number
eth-436

Health conditions studied

1

Description of health condition studied
Vitiligo

ICD-10 code
L80

ICD-10 code description

Vitiligo

Primary outcomes

1

Description
Repigmentation's degree

Timepoint
6 month

Method of measurement
Milimetre by ruler

Secondary outcomes

1

Description
Infection

Timepoint
1 weak after surgery

Method of measurement
Clinical

Intervention groups

1

Description
In one side of vitiligo lesions hair follicle graft were implemented .

Category
Treatment - Surgery

2

Description
In the other side the vitiligo lesions, skin punch graft were done

Category
Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center
Ahwaz Dermatology Center of Emam Khomeiny Hospital

Full name of responsible person
Moslem Safarpour

Street address
Emam Khomeiny Hospital, Azadegan avenue

City
Ahwaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahwaz Jundishapur University of Medical Sciences,
Vice Chancellor for Research and technology

Full name of responsible person

Dr Fegghi.Mostafa

Street address

Ahwaz Jundishapur University of Medical Sciences,
Esfand avenue, Golestan boulevard

City

Ahwaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahwaz Jundishapur University of Medical Sciences, Vice
Chancellor for Research and technology

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

Ahwaz Jundishapur University of Medical Sciences

Full name of responsible person

Moslem Safarpour

Position

MD, Dermatology Resident

Other areas of specialty/work

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Person responsible for scientific inquiries

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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