

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Assessment of platelet rich plasma effect on the treatment of chronic alopecia areata

Protocol summary

Summary

We did this pilot study on 10 volunteers that were aware of study processes. This study was approved in the ethics committee of Shahid Beheshti university of medical sciences. We divided the skin of the scalp sagitally in two parts and randomly inject the platelet rich plasma in one side, and follow the patient every 4 weeks until 4 months and in each sections we took 4 photographs in 4 view, right side, left side, back and top of the scalp. The results were compared using SALT score.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013010612031N1**
Registration date: **2013-02-15, 1391/11/27**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-02-15, 1391/11/27

Registrant information

Name

Faezeh Khademi

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 2274 1507

Email address

apadana1980@irimc.org

Recruitment status

Recruitment complete

Funding source

Skin research center of shohada-e-tajrish hospital

Expected recruitment start date

2011-09-01, 1390/06/10

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

Assessment of platelet rich plasma effect on the treatment of chronic alopecia areata

Public title

A pilot study in hair regrowth with local injection of platelet rich plasma in patients with alopecia areata

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: equal or over 18 years old; clinically diagnosed as alopecia areata totalis; at least 3 years of this illness; no treatment during last 3 months. Exclusion criteria: current and history of malignancy in the body; current benign tumors; hemorrhagic disorders; platelet count below 100000/ml; pregnancy; lactation; and if the patient cannot continue the study.

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **10**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Skin research center of shohada-e-tajrish hospital

Street address

Tajrish sq

City

Tehran

Postal code

1989934148

Approval date

2010-09-08, 1389/06/17

Ethics committee reference number

89/467

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

Alopecia areata totalis

ICD-10 code

L63

ICD-10 code description

Alopecia areata

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

local side effect

Timepoint

One week after injection

Method of measurement

Inspection

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

hair regrowth

Timepoint

20 weeks after injection

Method of measurement

SALT score

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

Intervention: Injection of platelet rich plasma

Category

Treatment - Drugs

2**Description**

Control: no treatment

Category

N/A

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

Shohada-e-Tajrish hospital

Full name of responsible person

Zohreh Tehranchinia

Street address

Tajrish sq

City

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Skin research center of Shohada-e-Tajrish hospital

Full name of responsible person

Zohreh Tehranchinia

Street address

Tajrish sq

City

Tehran

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

Yes

Title of funding source

Skin research center of Shohada-e-Tajrish 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***Phone**

+98 21 2274 1507

Fax**Email**

Zohreh_tehranchi@yahoo.com

Web page address**Person responsible for general inquiries****Contact****Name of organization / entity**

skin research center of Shohada-e-Tajrish hospital

Full name of responsible person

Zohreh Tehranchinia

Position

assistant professor

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

Tajrish sq

City

Tehran

Postal code**Phone**

+98 21 2274 1507

Fax**Email**

Zohreh_tehranchi@yahoo.com

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

shahid beheshti university of medical science

Full name of responsible person

Faeze Khademi

Position

resident

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

Tajrish sq

City

Tehran

Postal code**Phone**

00

Fax**Email****Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Zohreh Tehranchinia

Position

assistant professor

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

Tajrish sq

City

Tehran

Postal code**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*