

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

11 Jun 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*

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

skin research center of Shohada-e-Tajrish hospital

**Full name of responsible person**

Zohreh Tehraninia

**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****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**

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**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 Tehraninia

**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*