

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Evaluation of Traditional Medicine Combined Product Effects on Melasma (Kalaf) Patients

Protocol summary

Summary

The purpose of this study is to evaluate the effect of Traditional Medicine Combined Product on Kalaf in a randomized triple-blinded clinical trial design. 31 patients covered by Ghaem Hospital clinic according to inclusion criteria such as female volunteers with melasma ; female gender over the age of 18 years old and exclusion criteria such as pregnancy & milchy period, will randomly use Hydroquinon 4% as 0.5 FTU in one side of the face and prepared combined product (melon seed & Cicer arietinum) as 0.5 FTU in the other side during 12 weeks., MASI score will be registrated before the treatment , every 4 weeks & after 4 weeks of the treatment

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015112025145N1**

Registration date: **2016-05-03, 1395/02/14**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-05-03, 1395/02/14

Registrant information

Name

marjan mahjour moghadam

Name of organization / entity

mashhad university of medical science

Country

Iran (Islamic Republic of)

Phone

+98 915 760 2261

Email address

mahjourmm2@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2016-04-15, 1395/01/27

Expected recruitment end date

2016-10-15, 1395/07/24

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of Traditional Medicine Combined Product Effects on Melasma (Kalaf) Patients

Public title

Effects of Iranian Traditional Medicine Combined product on Melasma

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Female volunteers with a diagnosis of melasma older than 18 years. Exclusion criteria: Gestation or lactation period; infectious skin disease; ovarian or thyroid malfunctions; use of contraceptives or antiepileptics; recently use of corticosteroids; patients have used bleaching agents in the last four months; laser & IPL therapy in six months ago; adverse effects of drugs; mental disorders or disability

Age

From **18 years** old

Gender

Female

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 31

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Triple blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Regional Medical Ethics Committee

Street address

Qoreishi Building, Daneshgah St

City

Mashhad

Postal code

Approval date

2016-02-27, 1394/12/08

Ethics committee reference number

IR.MUMS.REC.1394.730

Health conditions studied

1

Description of health condition studied

Melasma

ICD-10 code

L81.4

ICD-10 code description

Other melanin hyperpigmentation Lentigo

Primary outcomes

1

Description

MASI (Melasma Area and Severity Index) score

Timepoint

Before the intervention, every four weeks during the intervention& after 4 weeks of the intervention

Method of measurement

MASI scale

Secondary outcomes

1

Description

Side effects

Timepoint

During the study

Method of measurement

Question

Intervention groups

1

Description

Use of Iranian Traditional Medicine topical product (Made of chickpeas and melon seeds) as 0.5 FTU at a fixed and desired side of the face before night sleep during 12 weeks.

Category

Treatment - Drugs

2

Description

Use of topical Hydroquinone 4% as 0.5 FTU at a fixed and desired side of the face before night sleep during 12 weeks.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Ghaem Educational, Research and Treatment Center

Full name of responsible person

Dr. MarjanMahjourMoghadam

Street address

Ghaem clinic, Dr. Shariati Square, beginning of Ahmadabad Avenue

City

Masshad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Tavakkoli-Kakhki Mandana

Street address

Faculty of Traditional Medicine, Bisim intersection, 6th Jahad, opposite of Mehran gymnasium

City

Mashhad

Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
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
Mashhad University of Medical Sciences
Full name of responsible person
Dr. Marjan Mahjour Moghadam
Position
PhD Student of Iranian Traditional Medicine
Other areas of specialty/work
Street address
No 3, 70th Fallahi, Shahid Fallahi Blvd, Ghasem Abad
City
Mashhad
Postal code
Phone
+98 51 3605 4906
Fax
Email
Mahjourmm2@mums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Dr. Marjan Mahjour Moghadam
Position
PhD Student of Iranian Traditional Medicine
Other areas of specialty/work

Street address
Faculty of Traditional Medicine, Bisim intersection, 6th
Jahad, opposite of Mehran gymnasium
City
Mashhad
Postal code
Phone
+98 51 3855 2189
Fax
Email
Mahjourmm2@mums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Dr. Marjan Mahjour Moghadam
Position
PhD Student of Iranian Traditional Medicine
Other areas of specialty/work
Street address
Faculty of Traditional Medicine, Bisim intersection, 6th
Jahad, opposite of Mehran gymnasium
City
Mashhad
Postal code
Phone
+98 51 3855 2189
Fax
Email
Mahjourmm2@mums.ac.ir
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