Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

The effect of Narrow Band UVB phototherapy on serum folate level

Protocol summary

Summary

Objective:To investigate the effect of Narrow Band UVB phototherapy on serum folate levels. Design:(Study group:patients with dermatological disorders including psoriasis,vitiligo or atopic dermatitis that are referred to phototherapy unit at Yahyanegad hospital; Sample size:30; No control group; Building:Not blinded; Randomization:Single arm study).Setting and conduct: 30 patients that are referred to phototherapy unit of the dermatology department at Yahyanegad hospital are enrolled in to the study. Serum folate levels are measured in all patients at the first visit before initiating of treatment and after thirty sessions of treatment. Serum folate levels are determined using Elisa method. Software SPSS are used to analyze the results. Inclusion criteria:patients with dermatological disorders including psoriasis,vitiligo or atopic dermatitis that undergoing NBUVB phototherapy; Exclusion criteria:Taking drugs that interface with folate metabolism; taking folate supplements; chronic diseases. Intervention: Narrow Band Ultera Violet B phototherapy; thirty session of treatment. Primary outcome variables:serum folate levels; Secondary outcome variables:UVB comulative doses

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2015111525026N2**
Registration date: **2015-12-21, 1394/09/30**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2015-12-21, 1394/09/30

Registrant information

Name

Azar Shirzadian kebria

Name of organization / entity

Babol University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 3229 1951

Email address

a.shirzadiyan@mubabol.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Babol University of Medical Sciences

Expected recruitment start date

2015-10-25, 1394/08/03

Expected recruitment end date

2017-03-20, 1395/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Narrow Band UVB phototherapy on serum folate level

Public title

The effect of phototherapy on serum folic acid level

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:patients diagnosed with dermatological disorders including psoriasis,vitiligo,atopic dermatitis that are referred to phototherapy unit of the dermatology department at Yahyanegad hospital; Exclusion criteria:taking drugs that interface with folate metabolism including methotrexate and anti epileptic;

taking folate supplements; chronic diseases such as hepatic or renal diseases.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **30**

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 Babol University of Medical Sciences

Street address
Vice chancellor for research of Babol University of Medical Sciences,Babol University of Medical Sciences,Ganjafroose street,Karegar square,Babol

City
Babol

Postal code
4717631367

Approval date
2015-10-20, 1394/07/28

Ethics committee reference number
MUBABOL.REC.1394.159

Health conditions studied

1

Description of health condition studied
Atopic dermatitis-vitiligo-psoriasis

ICD-10 code
L20-L80-L4

ICD-10 code description
Atopic dermatitis-vitiligo-psoriasis

Primary outcomes

1

Description
Serum folate levels

Timepoint
Baseline (before initiation of treatment)-after 30sessions of treatment

Method of measurement
Elisa

Secondary outcomes

1

Description
NB UVB total cumulative doses

Timepoint
Doses are recorded at each session

Method of measurement
J/cm2

Intervention groups

1

Description
Intervention group:Narrow Band UVB phototherapy; 30 sessions of treatments; No control group

Category
Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Dermatology department of Shahid Yahyanegad hospital

Full name of responsible person
Azar Shirzadian Kebria

Street address
Shahid Yahyanegad hospital,Mostafa Khomeini street,Modares street,Babol

City
Babol

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research,Babol University of Medical Sciences

Full name of responsible person
Dr.Hadi Parsiyan

Street address
Babol University of Medical Sciences,Ganjafroose

street,Karegar square, Babol

City

Babol

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research,Babol 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

Babol University of Medical Sciences

Full name of responsible person

Azar Shirzadian kebria

Position

Assistant professor,Dermatologist

Other areas of specialty/work

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Other areas of specialty/work

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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