Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Jun 2026

Comparison of the efficacy and effectiveness of combined herbal preparations containing iron (Iron Plus tablet) in treatment of anemia in patients with iron deficiency anemia

Protocol summary

Summary

In patients with iron deficiency anemia who have been diagnosed by clinical symptoms and laboratoryAbout the study explained and justified them by the end of informed consent based on inclusion criteria (Obtaining the informed consent of the patient-Having iron deficiency anemia)After completing the questionnaire, patients 5cc blood was taken for testing base Then, patients randomly divided into 2 groups of 60 to 12 weeks cost them a herbal preparation Iron Plus 325 mg (3 tablets a day) and one Ferfolic at a dose of 325mg (3 tablets a day) will receiveAfter 12 weeks, blood tests every month Shvd.bymar repeated every 15 days in person and by telephone monitoredCheck prove possible complications , which are recorded in ADR formExclusion criteria from the study is that more than 3 weeks off the drug or herbal preparation not possible sensitivity. goals are determine the comparison of the efficiency and effectiveness and side effects of herbal products containing Fe (Iron Plus) and tablet ferfolic possible complications in patients with iron deficiency anemiaInclusion criteria are Obtaining the informed consent of the patient؛Group of iron deficiency anemia.Primary outcome variables are TIBC levels, serum transferrin level , serum iron level ferritin proto-porphyrin levels of hematocrit, hemoglobin, MCV level is a level MCH RDW . Secondary variable consequences is drug side effects.

General information

Acronym

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IRCT registration information

IRCT registration number: **IRCT201506211165N6**
Registration date: **2015-09-04, 1394/06/13**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-09-04, 1394/06/13

Registrant information

Name
Yunes Panahi
Name of organization / entity
Baqiyatallah University of Medical Sciences
Country
Iran (Islamic Republic of)
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yunespanahi@bmsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Private

Expected recruitment start date

2015-05-22, 1394/03/01

Expected recruitment end date

2015-07-21, 1394/04/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the efficacy and effectiveness of combined herbal preparations containing iron (Iron Plus tablet) in treatment of anemia in patients with iron deficiency anemia

Public title

the effect of IRONPLUS treatment of iron deficiency anemia

Purpose
Treatment

Inclusion/Exclusion criteria
Inclusion criteria:Obtaining the informed consent of the patient؛Group of iron deficiency anemia Exclusion criteria:Failure to complete the course of treatment or use instructions

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **120**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
*

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
BAQIATALLA HOSPITAL

Street address
TEHRAN.SHEYKH BAHAI.SARE MOLASADRA

City
TEHRAN

Postal code
1435915371

Approval date
2015-03-09, 1393/12/18

Ethics committee reference number
IR.BMSU.REC.1394.54

Health conditions studied

1

Description of health condition studied
IRON DEFICIENCY ANEMIA

ICD-10 code
D50

ICD-10 code description
Iron deficiency anaemia

Primary outcomes

1

Description
FERRITIN

Timepoint
BEFORE AND AFTER OF DRUG

Method of measurement
Questionnaire

2

Description
TIBC

Timepoint
BEFORE AND AFTER OF DRUG

Method of measurement
Questionnaire

3

Description
TRANSFERIN

Timepoint
BEFORE AND AFTER OF DRUG

Method of measurement
Questionnaire

4

Description
SERUM IRON

Timepoint
BEFORE AND AFTER OF DRUG

Method of measurement
Questionnaire

5

Description
RDW

Timepoint
BEFORE AND AFTER OF DRUG

Method of measurement
Questionnaire

6

Description
HCT HB

Timepoint
BEFORE AND AFTER OF DRUG

Method of measurement
Questionnaire

7

Description

MCV MCH

Timepoint

BEFORE AND AFTER OF DRUG

Method of measurement

Questionnaire

8

Description

PROTOPURPHIRIN

Timepoint

BEFORE AND AFTER OF DRUG

Method of measurement

Questionnaire

Secondary outcomes

1

Description

SIDE EFFECTS OF DRUG

Timepoint

AFTER Prescription OF DRUG

Method of measurement

Questionnaire

Intervention groups

1

Description

to 12 weeks cost intervention group a herbal preparation Iron Plus 325 mg (3 tablets a day) will receiveBlood tests will be repeated after 12 weeks

Category

Treatment - Drugs

2

Description

to 12 weeks cost control group and one FERFOLIC at a dose of 325mg (3 tablets a day)will receiveBlood tests will be repeated after 12 weeks

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

CLINIC OF MR. DR JALALIAN

Full name of responsible person

MR. DR JALALIAN ONCOLOGIST

Street address

*

City

TEHRAN

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

NIAC Pharmaceutical Company

Full name of responsible person

Dr. Human Bayat

Street address

Golestan state.Gorgan.Agh ghola 5 km road.NIAC Pharmaceutical Company

City

Gorgan

Grant name

Grant code / Reference number

*

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

Yes

Title of funding source

NIAC Pharmaceutical Company

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

Baqiatala Hospital

Full name of responsible person

Mr. Dr. Yunes Panahi

Position

Professor Pharmacotherapy

Other areas of specialty/work

Street address

TEHRAN Sheykhbahai at first Molasadra

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Person responsible for scientific

inquiries

Contact

Name of organization / entity
Baqiyatallah HospitaL

Full name of responsible person
MR. Doctor Alireza Aaadat

Position
Assistant Professor

Other areas of specialty/work

Street address
Baqiyatallah Hospital

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Tehran

Postal code
*

Phone
*

Fax
*

Email
*

Web page address
*

Person responsible for updating data

Contact

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