

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 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 Ferfolc 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 ferfolc 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

*

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)

Phone

+98 21 8821 1524

Email address

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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1435915371
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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

City

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