

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 2026

The effect of low dose aspirin on platelet inhibition in patients with rheumatoid arthritis

Protocol summary

Summary

A total of 45 patients with rheumatoid arthritis who have been diagnosed with EULAR 2010 ACR criteria and 6 months of their illness are enrolled in the study. Patients are examined at the beginning of the study and a questionnaire containing disease information is available. Height, weight, abdominal circumference, number of sensitive and swollen joints, and duration of disease and type of medication are recorded. The disease activity is based on DAS28 and SDAI and Before starting the administration of the patients, 5 ml of blood was taken after 8-10 hours of fasting and transferred to the glass tubes and after the creation of a clot and centrifuge with about 3000 RPM for 15 minutes, the serum would be isolated. Samples Serum will be transferred to the tubes for TBX2 measurement and will be transferred to the freezer -70 degrees Then 80 mg of spray will be administered to the study group, which lasts for one week, and after the last administration, the sampling will be repeated under completely identical conditions.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201707293812N6**

Registration date: **2017-08-08, 1396/05/17**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-08-08, 1396/05/17

Registrant information

Name

Amir Ghorbanihaghjo

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Connective Tissue Disease Research Center. Tabriz University of Medical sciences

Expected recruitment start date

2017-08-23, 1396/06/01

Expected recruitment end date

2018-02-19, 1396/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of low dose aspirin on platelet inhibition in patients with rheumatoid arthritis

Public title

The effect of low dose aspirin on platelet inhibition in patients with rheumatoid arthritis

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Patients with rheumatoid arthritis who have been diagnosed with EULAR 2010 ACR criteria and have been ill for 6 months Exclusion criteria: Includes recent use of aspirin and anti-coagulant drugs, history of aspirin allergy, renal failure (creatinine above 8.1 mg / dL), thrombotic cytopenia, pregnancy, gastric ulcer and

gastrointestinal bleeding. Patients with maternal and metabolic disorders are also among the exclusion criteria.

Age

No age limit

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **45**

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Tabriz University of Medical Sciences

Street address

Tabriz University of Medical Sciences

City

Tabriz

Postal code**Approval date**

2010-09-23, 1389/07/01

Ethics committee reference number

IR.TBZMED.REC.1395.638

2**Ethics committee****Name of ethics committee**

Tabriz University of Medical Sciences

Street address

Tabriz University of Medical Sciences- Tabriz- Iran

City

Tabriz

Postal code**Approval date**

2010-08-20, 1389/05/29

Ethics committee reference number

IR.TBZMED.REC.1395.638

Health conditions studied**1****Description of health condition studied**

Rheumatoid arthritis

ICD-10 code

M06.9

ICD-10 code description

Rheumatoid arthritis, unspecified

2**Description of health condition studied**

Rheumatoid arthritis

ICD-10 code

M06.9

ICD-10 code description

Rheumatoid arthritis, unspecified

Primary outcomes**1****Description**

platelet aggregation

Timepoint

One week

Method of measurement

Elisa

Secondary outcomes**1****Description**

TXA2

Timepoint

one weak

Method of measurement

Elisa

2**Description**

TX-A2

Timepoint

One week

Method of measurement

Elisa

Intervention groups**1****Description**

Prescribing 80 mg of aspirin on the patient's group and taking the drug for one week. After the last dose and re sampling, blood samples will be used to measure serum TX levels

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam reza Hospital - Tabriz University of Medical sciences

Full name of responsible person

Dr. Hajjalilo

Street address**City**

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Connective Tissue research Center- Tabriz University of Medical Sciences

Full name of responsible person

Dr Khabazi

Street address

Connective Tissue research Center- Tabriz University of Medical Sciences

City

Tabriz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Connective Tissue research Center- Tabriz University of Medical Sciences

Proportion provided by this source**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

2

Sponsor

Name of organization / entity

abriz University of Medical Sciences, Tabriz, Iran

Full name of responsible person

Dr.Khabbazi

Street address

Connective Tissue Diseases Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.

City

Tabriz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

abriz University of Medical Sciences, Tabriz, Iran

Proportion provided by this source**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

Tabriz University of Medical Sciences

Full name of responsible person

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Position

Phd

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Name of organization / entity

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Position

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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