

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Jun 2026

Effect of phase one of periodontal treatment on improvement of clinical signs of Rheumatoid Arthritis

Protocol summary

Summary

Objective: Effect of phase one of periodontal treatment on improvement of clinical signs of Rheumatoid Arthritis.
Design: This study is an interventional clinical trial.
Settings and conduct: In this study, severity of clinical signs of arthritis is compared before and after phase one of periodontal treatment in different intervals. For the half of the Rheumatoid Arthritis patients phase one of periodontal treatment is performed and the other half considered as control group without any periodontal treatments. Participants including major eligibility criteria: 42 samples are selected from patients with rheumatoid arthritis referred to KHatam-ol-anbia clinic in Yazd. Inclusion criteria: Confirmed diagnosis of arthritis; generalized moderate to severe periodontitis; no antibiotic usage during the previous 3 months before study; no smoking or diabetes or heart diseases; no pregnancy and informed consent. Exclusion criteria: Irregular maintenance visits; improper plaque control in case group. Intervention: Phase one of periodontal treatment performance in case group. Main outcomes variables: DAS28 index.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201202219104N1**
Registration date: **2012-04-07, 1391/01/19**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-04-07, 1391/01/19

Registrant information

Name

Fahimeh Rashidi Meybodi

Name of organization / entity

Shahid Sadoughi University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 35 1621 2222

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Shahid Sadoughi University of Medical Sciences

Expected recruitment start date

2011-09-06, 1390/06/15

Expected recruitment end date

2012-03-05, 1390/12/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of phase one of periodontal treatment on improvement of clinical signs of Rheumatoid Arthritis

Public title

Effect of phase one of periodontal treatment on improvement of clinical signs of Rheumatoid Arthritis

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Confirmed diagnosis of arthritis; generalized moderate to severe periodontitis; no antibiotic usage during the previous 3 months before study; no smoking or diabetes or heart diseases; no pregnancy and filling informed consent. Exclusion

criteria: Irregular maintenance visits; improper plaque control in case group.

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **42**

Randomization (investigator's opinion)

Randomized

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 Shahid Sadoughi University of Medical Sciences

Street address

Bahonar square, Yazd

City

Yazd

Postal code

89169178477

Approval date

2011-07-19, 1390/04/28

Ethics committee reference number

p/17/1/50352

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

Rheumatoid Arthritis

ICD-10 code

M06.9

ICD-10 code description

Rheumatoid arthritis, unspecified

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

(Disase Activity Score 28)

Timepoint

Beginning of the study- 8 weeks after intervention

Method of measurement

A digit without any units. Different parts of this index are put in special formula and one digit is recorded.

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

Probing depth

Timepoint

Before intervention-8 weeks after intervention

Method of measurement

Millimeter and with using periodontal prob.

2**Description**

MGI

Timepoint

Before intervention- 8 weeks after intervention

Method of measurement

A digit between 0 and 4. It doesnt need any tools and is completely observational.

3**Description**

BOP

Timepoint

Before intervention-8 weeks after intervention

Method of measurement

Percentage- After stimulation with periodontal prob,the sites with bleeding are recorded as percentage of all sites.

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

Scaling and root planning (phase one of periodontal treatment protocol) is done in case group. This intervention is done by ultrasonic device, so all calculus and deposits will be removed from teeth surfaces.

Category

Treatment - Other

2**Description**

No intervention is done in control group

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Khatam-ol-anbia Clinic

Full name of responsible person

Dr Ali Dehghan

Street address

Taleghani avenue, Yazd

City

Yazd

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Shahid Sadoughi
University of Medical Sciences

Full name of responsible person

Dr Fatemeh Ezzoddini- vice chancellor for reasearch

Street address

Bahonar square, Yazd

City

Yazd

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, Shahid Sadoughi 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

Shahid Sadoughi school of dentistry

Full name of responsible person

Fahimeh Rashidi Meybodi

Position

Post-graduate student of periodontology department

Other areas of specialty/work

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Other areas of specialty/work

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Fahimeh Rashidi Meybodi

Position

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Other areas of specialty/work

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Sadoughi University of Medical Sciences, Fazaye-Sabz
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Fax

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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