

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

A comparative study on the effect of ginger and gelofen on postoperative pain after tooth extraction

Protocol summary

Study aim

Determine ginger gel effectiveness compared to gelofen in relieving pain after tooth extraction

Design

A clinical study will be conducted on patients in the dental clinic. The sample size was 60 (30 persons per group). Before treatment, patients are given an explanation for the current research, and after receiving the necessary information, patients are given written consent for treatment. Patient treatment is done in a single session by a specific dentist. After reaching complete anesthesia, the tooth was removed by forceps. The selection of the drug was carried out in a series of 60 envelopes containing 30 envelopes containing gelofen capsules (400 mg, Tehran drug) and 30 envelopes containing ginger capsules (250 mg Zinatuma capsule, drug flower) And codes A and B are inserted. The fact that the researcher does not know the prescribed prescription is to encode and give the medication to one of the secretaries. Patients are examined and examined by the researcher for at least 3 days after removal of the tooth.

Settings and conduct

Blind study is done. The patient and the researcher are not aware of the type of medication received. The drugs are placed in the envelope by the secretary.

Participants/Inclusion and exclusion criteria

Persons aged 18 to 65 years No use of analgesic or drug treatment 4 hours before referral No history of food allergy, certain medication Exit criteria Need for surgical intervention Pregnant and lactating women

Intervention groups

Ginger capsule 250 mg, 12 tablets every 6 hours One tablet is given for 72 hours

Main outcome variables

Less use of chemical drugs: reduce side effects

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171206037770N1**

Registration date: **2018-08-24, 1397/06/02**

Registration timing: **retrospective**

Last update: **2018-08-24, 1397/06/02**

Update count: **0**

Registration date

2018-08-24, 1397/06/02

Registrant information

Name

jahed faridi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 74 3333 5199

Email address

jahedfaridi@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-04-21, 1397/02/01

Expected recruitment end date

2018-06-21, 1397/03/31

Actual recruitment start date

2018-04-21, 1397/02/01

Actual recruitment end date

2018-06-21, 1397/03/31

Trial completion date

empty

Scientific title

A comparative study on the effect of ginger and gelofen on postoperative pain after tooth extraction

Public title

A comparative study on the effect of ginger and gelofen

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

People aged 18 to 65 years old come to the tooth exit No use of analgesics or other traditional drugs 4 hours before the visit No drug use 4 hours before the visit No history of food allergy, certain medication

Exclusion criteria:

Patients with history of cardiovascular, hormonal, blood, electrolyte, liver and kidney disease No lesion or periapical radiographic examination Need for surgical intervention Pregnant and lactating women

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

3

Groups that have been masked

- Participant
- Investigator

Sample size

Target sample size: **60**

Actual sample size reached: **60**

Randomization (investigator's opinion)

Randomized

Randomization description

Referring to the conditions for entry into the study, the subject of the research will be described to them, and if the form of informed consent is completed, the random allocation of the block with the quadruple blocks is assigned to one of the two intervention and control groups.. RUN 1: A A B B RUN 2: A B A B RUN 3: B A A B RUN 4: B A B A RUN 5: B B A A RUN 6: A B B A

Blinding (investigator's opinion)

Double blinded

Blinding description

The selection of the drug was done in this way, with 60 envelopes of 30 envelopes containing gelofen capsules and 30 envelopes containing ginger capsules (capsules Zintoma) and codes A and B inserted. The fact that the researcher does not know the prescribed prescription is to encode and give the medication to one of the secretaries. Patients are examined and examined by the researcher for at least 3 days after removal of the tooth

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Yasouj University of Medical Sciences

Street address

Town of Imam Hussein, a subsidiary of No. 17

City

Yasouj

Province

Kohgilouyeh-va-Boyerahmad

Postal code

7591817719

Approval date

2018-02-03, 1396/11/14

Ethics committee reference number

IR.YUMS.REC.1396.160

Health conditions studied

1

Description of health condition studied

Tooth extraction

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Pain After Tooth Extraction

Timepoint

Hour 6,12,24,48,72

Method of measurement

The pain rate was Visual Analogue Scale from 1 to 10 (a symptom of painlessness and number 10, severe pain, 1 painless, 2-4 mild pain, 5-7 average pain, 10-8 severe pain). And recorded

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 30 envelopes containing ginger capsules (250mg Zinatma capsule, drug gol).12 capsule capsules are given at intervals of every 6 hours. Control group: 30 envelopes containing gelofen capsule (400mg, Tehran drug), 12 capsule capsules at intervals of 6 hours.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Ashraf Health Care Center

Full name of responsible person

Behrouzpour karam

Street address

No. 2 Bahonar Street ,Shahid Ashraf Health Center

City

yasuj

Province

Kohgilouyeh-va-Boyrahmad

Postal code

75919-54661

Phone

+98 74 3222 2713

Email

jahedfaridi@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yasouj University of Medical Sciences

Full name of responsible person

Hossein Marie oriad

Street address

Motahhari Blvd, University of Medical Sciences, Vice
Chancellor for Research

City

Yasuj

Province

Kohgilouyeh-va-Boyrahmad

Postal code

7591817719

Phone

+98 74 3334 6078

Fax

+98 74 3334 6079

Email

jahedfaridi@gmail.com

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

Yes

Title of funding source

Yasouj University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Yasouj University of Medical Sciences

Full name of responsible person

jahedfaridi

Position

Student

Latest degree

A Level or less

Other areas of specialty/work

Dentistry

Street address

No. 17, Western Suburbs,Imam Hossein Town

City

Yasuj

Province

Kohgilouyeh-va-Boyrahmad

Postal code

7591817719

Phone

+98 74 3333 5199

Email

jahedfaridi@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Yasuj medical science

Full name of responsible person

Ayat allah poozesh

Position

Dentist specialist non-faculty

Latest degree

Specialist

Other areas of specialty/work

Dentistry

Street address

Teacher's Street No. 2

City

yasuj

Province

Kohgilouyeh-va-Boyrahmad

Postal code

7591796987

Phone

+98 74 3322 4635

Email

poozeshAyat@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity

Yasouj University of Medical Sciences

Full name of responsible person

jahedfaridi

Position

Student

Latest degree

Medical doctor

Other areas of specialty/work

Dentistry

Street address

No. 17,Shahid Fazli Alley,Imam Hossein Town

City

yasuj

Province

Kohgilouyeh-va-Boyrahmad

Postal code

7591817719

Phone

+98 74 3333 5199

Email

jahedfaridi@gmail.com

Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Because it's confidential

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available

Title and more details about the data/document

Data include patient name, patient gender, visual acuity scale, possible side effects of medication

When the data will become available and for how long

After printing the article

To whom data/document is available

In terms of discretion University

Under which criteria data/document could be used

Based on the conditions that the university determines

From where data/document is obtainable

Yasouj University of Medical Sciences, Research department

What processes are involved for a request to access data/document

Corresponding with University Research Unit

Comments