

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

09 Jun 2026

### Comparison of the analgesic effect of odontopaste and a medicament with similar formulation in pain control after emergency treatment in the patients with lower posterior tooth pain

#### Protocol summary

##### Summary

The aim of this study is to make a medicament similar to odontopaste that The use of this medicament between appointment may help to relieve the pain during and after root canal treatment. This randomized control trial will be done on 90 patients (with age range between 18 and 35 years old ) that are referred to the endodontic department of ahwaz dental faculty at 2011-2012. Patients appoint their pain rate (also percussion sensitivity) on heft-parker VAS diagram, at the beginning of any appointment. Patients was be put under anesthesia then the radicular and coronal pulp was emit. Patients was entered to one of the intervention groups or control group by randomized table. Group1: Patients that their canals was dressed by new intracanal medicament . Group2 : Patients that their canals was dressed by odontopaste medicament. Group3 : Patients that their canals was dressed by placebo Access cavity was covered by cavisol at 1 week interappointment. Patients determine their pain rate on VAS diagram, 24 hours after the first appointment. In the beginning of the second appointment patients determine their pain rate on VAS diagram. Considerable, the patient, clinician and analyst are blind and this study is tri-blind. Also said to patient that does not use analgesic medicine at interappointment.

#### General information

##### Acronym

AES

##### IRCT registration information

IRCT registration number: **IRCT201110196443N2**

Registration date: **2012-11-17, 1391/08/27**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2012-11-17, 1391/08/27

##### Registrant information

###### Name

Behrouz Eftekhari

###### Name of organization / entity

Ahwaz University Of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 61 1336 1643

###### Email address

eftekhari-b@ajums.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Ahwaz University Of Medical Science

##### Expected recruitment start date

2012-01-21, 1390/11/01

##### Expected recruitment end date

2012-07-20, 1391/04/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparison of the analgesic effect of odontopaste and a medicament with similar formulation in pain control after emergency treatment in the patients with lower posterior tooth pain

##### Public title

Comparison of the analgesic effect of odontopaste and a

medicament with similar formulation between root canal therapy appointments

1911//پ/20/8/د

## Purpose

Treatment

## Inclusion/Exclusion criteria

Inclusion criteria: The spontaneous pain or sensitivity to percussion before treatment;The tooth should be first or second molar;the patient should be without any systemic problem, female should not be pregnant or in lactating stage;The patients do not have any history of oral diseases or hypersensitivity to antibiotics or corticosteroid;The tooth should have a normal apex;The roots were without resorption and pathological problems such as periapical lesions;The patients were not be used NSAIDs medicine 1 hour before treatment. Exclusion criteria: If the patient has severe pain,is exclude from seven days evaluation and prescribe analgesic;The patient has not be satisfied to continue in study;If the patient did not confer seven days later;The procedure accidents;If the pain rate did not record at 24 hours after the first appointment;If the patient used analgesic.

## Age

From **18 years** old to **35 years** old

## Gender

Both

## Phase

N/A

## Groups that have been masked

*No information*

## Sample size

Target sample size: **96**

## Randomization (investigator's opinion)

Randomized

## Randomization description

## Blinding (investigator's opinion)

Triple blinded

## Blinding description

## Placebo

Used

## Assignment

Parallel

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

h̄waz University Of Medical Science

##### Street address

Dy st, Frvardin blv, Glestan, Awaz

##### City

Awaz

##### Postal code

#### Approval date

2012-07-29, 1391/05/08

#### Ethics committee reference number

## Health conditions studied

### 1

#### Description of health condition studied

Toothache

#### ICD-10 code

K08.8

#### ICD-10 code description

Toothache NOS

### 2

#### Description of health condition studied

Acute apical periodontitis

#### ICD-10 code

K04.4

#### ICD-10 code description

Acute apical periodontitis NOS

## Primary outcomes

### 1

#### Description

Toothache

#### Timepoint

Before first appointment-24 hours after intracanal medicament insertion-7 days after intracanal medicament insertion

#### Method of measurement

Use of VAS diagram

### 2

#### Description

Acute apical periodontitis

#### Timepoint

Before first appointment-24 hours after intracanal medicament insertion-7 days after intracanal medicament insertion

#### Method of measurement

Use of VAS diagram

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intracanal medicament insertion

#### Category

Treatment - Drugs

### 2

#### Description

Intracanal medicament similar to odontopaste containing clindamycin and triamcinolone insertion

### Category

Treatment - Drugs

## 3

### Description

Placebo containing ethyle cellulose

### Category

Treatment - Drugs

## Recruitment centers

## 1

### Recruitment center

#### Name of recruitment center

Dentistry Faculty of Ahwaz University Of Medical Science

#### Full name of responsible person

Behrooz efekhar

#### Street address

Dey A, Farvardin BLV, Golestan

#### City

Ahwaz

## Sponsors / Funding sources

## 1

### Sponsor

#### Name of organization / entity

Research assistance Of Ahwaz University Of Medical Science

#### Full name of responsible person

Mohammad Reza Abbas Pour

#### Street address

1th floor, Research assistance, university city

#### City

Ahwaz

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Research assistance Of Ahwaz University Of Medical Science

#### 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

Endodontic Department Of Dental Faculty

#### Full name of responsible person

Pejman Pourakbar Jahandideh

#### Position

Special resident

#### Other areas of specialty/work

#### Street address

Dey St, Farvardin BLV, Golestan

#### City

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#### Postal code

#### Phone

+98 61 1336 1984

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#### Email

pejman.jahandideh@gmail.compejman\_tornado@yahoo.com

#### Web page address

## Person responsible for scientific inquiries

### Contact

#### Name of organization / entity

Research assistance Of Dental Faculty

#### Full name of responsible person

Behrooz efekhar

#### Position

Endodontic specialist

#### Other areas of specialty/work

#### Street address

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efekhar-b@ajums.ac.ir

#### Web page address

## Person responsible for updating data

### Contact

#### Name of organization / entity

Endodontic Department Of Dental Faculty

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Pejman Pourakbar Jahandideh

#### Position

Special resident

#### Other areas of specialty/work

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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*