

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Design and formulation of periodontal dressing and invivo assesment incompare with Coe-pak

Protocol summary

Summary

Surgical site after periodontal surgeries are prone to infection or superficial traumas, so in most cases the surgical site is covered by periodontal dressing. This study will be conducted to compare two periodontal dressings Coe-pak and new experimental sample (a product under development), following periodontal surgery. In this double blind randomized study, 24 patients with adult chronic peridontitis will be recruited. The dressings are applied by a single operator and both patients and operator assistant are blind to dressing type. The dressing has no therapeutic effect but protects underlying tissue and accelerates healing process and prevents pain, bleeding and perforation or rapture of gums. The outcome of the study is tissues healing; handling properties, subjective assessment, and a 7-day post operative assessment of the surgical sites will be performed and compared in study groups.

General information

Acronym

Design and formulation of periodontal dressing

IRCT registration information

IRCT registration number: **IRCT201104131606N6**

Registration date: **2011-05-26, 1390/03/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-05-26, 1390/03/05

Registrant information

Name

Jalaleddin Hamissi

Name of organization / entity

Qazvin University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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jhamissi@qums.ac.ir

Recruitment status

Recruitment complete

Funding source

Azad University Of Tehran

Expected recruitment start date

2011-03-04, 1389/12/13

Expected recruitment end date

2011-05-22, 1390/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Design and formulation of periodontal dressing and invivo assesment incompare with Coe-pak

Public title

Design and formulation of periodontal dressing and invivo assesment incompare with Coe-pak

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria : Aage between 35- 60 years with periodontal disease. Exclusion criteria: Pregnancy. breast feeding, bleeding and perforation or rapture of gums

Age

From **35 years** old to **60 years** old

Gender

Both

Phase

0

Groups that have been masked
No information

Sample size
Target sample size: 24

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
Deputy for Research Azad University of Tehran

Street address
Shariati st.

City
Tehran

Postal code

Approval date
2011-03-03, 1389/12/12

Ethics committee reference number
15036

Health conditions studied

1

Description of health condition studied
Periodontal disease

ICD-10 code
k05.2

ICD-10 code description
Acute periodontitis

Primary outcomes

1

Description
Tissues healing

Timepoint
Daily

Method of measurement
Examination by periodontist

Secondary outcomes

empty

Intervention groups

1

Description
Control group: using co-pack after surgery

Category
Treatment - Drugs

2

Description
Intervention group: using new formulation after surgery

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Dental disease clinic, Qazvin University of Medical Sciences

Full name of responsible person
J Hamissi

Street address
Blv Shahid ba honar

City
Qazvin

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Azad University of Tehran

Full name of responsible person
Deputy for research

Street address
Azad University of Tehran

City
Tehran

Grant name

Grant code / Reference number

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

Title of funding source
Azad University of Tehran

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

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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