Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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
+98 28 1335 3064
Email address
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 desease

ICD-10 code

k05.2

ICD-10 code description

Acute periodontitis

Primary outcomes

1

Description

Tssues 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

Name of organization / entity

Qazvin University of Medical Sciences

Full name of responsible person

Dr. Jalal Hamissi

Position

Assistant professor

Other areas of specialty/work

Street address

Bvl Shahid ba honar

City

Qazvin

Postal code

Phone

+98 28 1335 3067

Fax

Email

jhamissi@qums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Qazvin University of Medical Sciences

Full name of responsible person

Dr. Jalal Hamissi

Position

Assistant professor

Other areas of specialty/work

Street address

Bvl Shahid ba honar

City

Qazvin

Postal code

Phone

+98 28 1335 3067

Fax

Email

jhamissi@qums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Qazvin University of Medical Sciences

Full name of responsible person

Dr. Jalal Hamissi

Position

Assistant Professor

Other areas of specialty/work

Street address

Blv: Shahid ba honar

City

Qazvin

Postal code

Phone

+98 28 1335 3066

Fax

Email

jhamissi@qums.ac.ir

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