

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

The Evaluation of periacryl tissue adhesive effect on the amount of dehiscence after fixation of absorbable membranes in oral surgery

Protocol summary

Study aim

The Evaluation of periacryl tissue adhesive effect on the amount of dehiscence after fixation of absorbable membranes in oral surgery for patients of facial surgery faculty of dentistry of Tehran Azad University and private clinic in 2017-2018

Design

This clinical trial study was performed on 30 samples of facial surgery faculty of dentistry of Tehran Azad University and private clinic with indication of alveolar bone remodeling (GBR) with absorbable placement membranes for implant placement and lack of exit criteria. Patients are randomly considered as both intervention and control groups.

Settings and conduct

The place of surgery is in faculty of facial surgery at Dentistry Faculty of Tehran Azad University and private clinics. Patients are randomly divided into intervention and control groups. In the control group, the membranes are fixed by suturing, and in the intervention group, the periacryl tissue adhesive is used to fix the membranes. Then both groups will be evaluated for amount of dehiscence after surgery.

Participants/Inclusion and exclusion criteria

Inclusion criteria: The Patients who Needed Alveolar Bone Remodeling (GBR) for implant placement
Exclusion criteria: Any risk of systemic disease/ History of bisphosphonate use in the past year/ History of radiotherapy in the jaw area over the past year/ Pregnancy/ History of smoking and alcohol/ History of drug allergies/ The presence of any pathological lesions of soft and hard tissues of the mouth

Intervention groups

Intervention group: Membrane fixation is done by periacryl tissue adhesive
Control group: Membrane fixation is done in a conventional way and through suture

Main outcome variables

In this study, variable; amount of dehiscence is measure.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171216037893N3**

Registration date: **2018-05-27, 1397/03/06**

Registration timing: **registered_while_recruiting**

Last update: **2018-05-27, 1397/03/06**

Update count: **0**

Registration date

2018-05-27, 1397/03/06

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2017-06-22, 1396/04/01

Expected recruitment end date

2018-06-22, 1397/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

2

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2

Recruitment center
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Islamic Azad University
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Grant name
Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Islamic Azad University
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

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

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

Study Protocol

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

Statistical Analysis Plan

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

Informed Consent Form

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

Clinical Study Report

Undecided - It is not yet known if there will be 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