

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Evaluation between Periodontal dressing comparison and Cyanoacrylate glue in Minimizing Patient Morbidity in Palatal donor site Following Free Gingival Graft

Protocol summary

Study aim

Evaluation between Periodontal dressing comparison and Cyanoacrylate glue in Minimizing Patient Morbidity in Palatal donor site Following Free Gingival Graft

Design

The donor site was protected by periodontal dressing in the control group and In the test groups, the donor site was protected by Cyanoacrylate glue. single-blind, controlled clinical trial, Two arm parallel group

Settings and conduct

The donor site was protected by periodontal dressing in the control group and In the test groups, the donor site was protected by Cyanoacrylate glue. Department of Periodontics, University of Qazvin School of Dentistry. This study is Single-blind.

Participants/Inclusion and exclusion criteria

inclusion criteria: (1) 18 years of age or older; (2) without any reported systemic diseases; (3) having a healthy Periodontium or demonstrating a stable periodontal condition following conventional periodontal therapy; (4) showing full-mouth plaque and bleeding scores < 20%
exclusion criteria : (1) pregnancy; (2) reported use of anticoagulant or anti platelet drugs such as NSAIDs, heparin, Warfarin, etc, or blood-thinning supplements

Intervention groups

The donor site was protected by periodontal dressing in the control group and In the test groups, the donor site was protected by Cyanoacrylate glue

Main outcome variables

Minimizing Patient Morbidity in Palatal donor site

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190520043647N1**

Registration date: **2019-06-25, 1398/04/04**

Registration timing: **registered_while_recruiting**

Last update: **2019-06-25, 1398/04/04**

Update count: **0**

Registration date

2019-06-25, 1398/04/04

Registrant information

Name

Arezoo Moradi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 4498 3994

Email address

arezoo.moradi1372@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-04-15, 1398/01/26

Expected recruitment end date

2019-07-17, 1398/04/26

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation between Periodontal dressing comparison and Cyanoacrylate glue in Minimizing Patient Morbidity in Palatal donor site Following Free Gingival Graft

Public title

Evaluation of effect of Cyanoacrylate glue in free gingival graft

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:

(1) 18 years of age or older (2) Without any re-reported systemic diseases (3) Having a healthy periodontium or demonstrating a stable periodontal condition following conventional periodontal therapy (4) Showing full-mouth plaque and bleeding scores < 20%

Exclusion criteria:

(1) Pregnancy (2) Use of anticoagulant or anti platelet drugs such as NSAIDs, Heparin, Warfarin, etc, or Blood-thinning supplements

Age

From 18 years old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant

Sample size

Target sample size: 32

Randomization (investigator's opinion)

Randomized

Randomization description

The Patients randomized to two groups with simple Randomization with random allocation Software

Blinding (investigator's opinion)

Single blinded

Blinding description

Single-blind, The patient is not aware of the use of Periodontal dressing or Cyanoacrylate tissue adhesive used.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Qazvin University of Medical Sciences

Street address

School of Dentistry, Qazvin University of Medical Science, Bahonar Blv, Qazvin, Iran

City

Qazvin

Province

Qazvin

Postal code

1399183639

Approval date

2019-04-13, 1398/01/24

Ethics committee reference number

IR.QUMS.REC.1398.005

Health conditions studied

1

Description of health condition studied

Minimizing Patient Morbidity in Palatal donor site Following free gingival graft

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Pain

Timepoint

In 1 to 14 days after surgery

Method of measurement

Visual Analog Scale

Secondary outcomes

1

Description

Burn feel

Timepoint

In 1 to 14 days after surgery

Method of measurement

Asking from patient, Have or Have not

Intervention groups

1

Description

Intervention group: Cyanoacrylate glue (PeriAcryl 90HV), In the intervention group, After suturing a few drops of high viscosity Cyanoacrylate apply to the palatal Wound.

Category

Rehabilitation

2

Description

Control group: In the control group, The palatal Wound is covered with Periodontal dressing (Coe-Pak) and inserted into interdental spaces to create mechanical fixation.

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

School of Dentistry, Qazvin

Full name of responsible person

Arezoo Moradi

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Email

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Qazvin University of Medical Sciences

Full name of responsible person

Maryam tofangchiha

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School of Dentistry, Qazvin University of Medical Science, Bahonar Blv, Qazvin, Iran

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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

Qazvin 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

Qazvin University of Medical Sciences

Full name of responsible person

Arezoo Moradi

Position

Dentistry Student

Latest degree

A Level or less

Other areas of specialty/work

Dentistry

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Person responsible for scientific inquiries

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Person responsible for updating data

Contact

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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