

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

09 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

**Street address**

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

**City**

Qazvin

**Province**

Qazvin

**Postal code**

1399183639

**Phone**

+98 21 4498 3994

**Email**

Arezoo.moradi1372@gmail.com

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Maryam tofangchiha

**Street address**

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

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Qazvin

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Qazvin

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1399183639

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**Email**

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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

**Street address**

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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Arezoo Moradi

**Position**

Dentistry Student

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## Person responsible for updating data

### Contact

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Qazvin University of Medical Sciences

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Arezoo Moradi

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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