

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jul 2026

The effect of Aspirin on bleeding after tooth extraction

Protocol summary

Study aim

Comparison of the effect of aspirin use and non-use of bleeding after tooth extraction in dental school Tehran Islamic Azad University of Medical Sciences, in 1400

Design

This study is performed by designing a clinical trial of two blinded with 40 samples

Settings and conduct

This study is performed in the School of Dentistry of Tehran Azad University. Three stages of hemostatic assessment and bleeding management scale are presented as normal, moderate, and severe Is. After extracting the tooth, a gauze is placed in the extracted tooth for 10 minutes. The desired area is examined. Bleeding that stops within 10 minutes or less is considered normal. Bleeding that stops within 30 minutes or less is considered moderate. Bleeding that lasts more than 30 minutes and using a collagen sponge, suture, or gauze soaked in Tranexamic acid (transamine 10, 250% mg / 2.5 ml) should be considered as severe It is taken and at the end the bleeding time is recorded.

Participants/Inclusion and exclusion criteria

Consumer patients Aspirin (80 mg per day) and patients without aspirin who need extraction of teeth 6 and 7 (Molar teeth) and are in the age range of 18 to 60 years will be selected for inclusion in the study. Patients with a history of thrombocytopenia, alcohol and drug addiction, taking other anticoagulants, Kidney and liver dysfunction, patients receiving nonsteroidal anti-inflammatory drugs; Periodontal disease Teeth and patients who need to have their teeth surgically removed are excluded

Intervention groups

Patients are divided into two groups. In group A, 20 patients are studied who are taking aspirin And in group B, another 20 patients who do not take aspirin are assigned

Main outcome variables

The amount of bleeding in the area of tooth extraction

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20210404050844N1**

Registration date: **2021-06-03, 1400/03/13**

Registration timing: **registered_while_recruiting**

Last update: **2021-06-03, 1400/03/13**

Update count: **0**

Registration date

2021-06-03, 1400/03/13

Registrant information

Name

Fina Navi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 6641 1657

Email address

fina-navi@yahoo.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-05-31, 1400/03/10

Expected recruitment end date

2021-10-22, 1400/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Aspirin on bleeding after tooth extraction

Public title

The effect of Aspirin on bleeding of tooth

Purpose

Health service research

Inclusion/Exclusion criteria**Inclusion criteria:**

Patients who use to Aspirin 80mg/day Patients without use Aspirin Patients who need to extract teeth 6 or 7

Exclusion criteria:

Thrombocytopenia Alcohol and drug addiction Consumer of other anticoagulants Kidney and liver dysfunction Patients receiving nonsteroidal anti-inflammatory drugs Periodontal tooth disease Patients need to have their teeth extracted surgically

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Not randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of the School of Dentistry - Islamic Azad University of Medical Sciences, Tehran

Street address

Psadaran Av, neyestan9, dental school

City

Tehran

Province

Tehran

Postal code

6764897653

Approval date

2021-03-08, 1399/12/18

Ethics committee reference number

IR.IAU.DENTAL.REC.1399.304

Health conditions studied**1****Description of health condition studied**

Tooth bleeding rate

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Percentage of people with bleeding for more than 30 minutes

Timepoint

Measure bleeding in less than 10 minutes. Less than 30 minutes and more than 30 minutes

Method of measurement

View

Secondary outcomes

empty

Intervention groups**1****Description**

The controller and the patient will be blind to the study groups. In case groups, local anesthesia is first performed by injecting Carpol 1.8 cc, containing 3% mp and cocaine. (2.7 to 3.6 cc of MPa and Vaccaine are injected into all patients) and then the tooth is removed in place with the help of forceps and alveolar in a standard way. . After extracting the tooth, a gauze is placed in the extracted tooth for 10 minutes, The desired area is examined. Bleeding that stops within 10 minutes or less is considered normal. Bleeding that stops within 30 minutes or less is considered moderate. Bleeding that lasts more than 30 minutes and using a collagen sponge, suture, or gas pressure soaked in tranexamic acid (10% transamine, 250 mg / 2.5 MI) is considered as severe and at the end the bleeding time is recorded.

Category

Treatment - Drugs

2**Description**

Control group: The controller and the patient will be blind to the study groups. In control groups, local anesthesia is first performed by injecting Carpol 1.8 cc, containing 3% mp and cocaine. (2.7 to 3.6 cc of MPa and Vaccaine are injected into all patients) and then the tooth is removed in place with the help of forceps and alveolar in a standard way. . After extracting the tooth, a gauze is placed in the extracted tooth for 10 minutes, The desired area is examined. Bleeding that stops within 10 minutes or less is considered normal. Bleeding that stops within

30 minutes or less is considered moderate. Bleeding that lasts more than 30 minutes and using a collagen sponge, suture, or gas pressure soaked in tranexamic acid (10% transamine, 250 mg / 2.5 ml) is considered as severe and at the end the bleeding time is recorded.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Faculty of Dentistry, Azad University of Tehran

Full name of responsible person

Fina Navi

Street address

Pasdarav, Neyestan9

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Tehran

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7685436789

Phone

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Email

dr.zahra.mirgonjani@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University

Full name of responsible person

Zahra Mirgonjani

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Grant name

Grant code / Reference number

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

No

Title of funding source

not

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

Persons

Person responsible for general inquiries

Contact

Name of organization / entity

Islamic Azad University

Full name of responsible person

Fina Navi

Position

Professor

Latest degree

Specialist

Other areas of specialty/work

Dentistry

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Person responsible for scientific inquiries

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Full name of responsible person

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Latest degree

Specialist

Other areas of specialty/work

Dentistry

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Person responsible for updating data

Contact

Name of organization / entity

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is 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

Title and more details about the data/document

all data

When the data will become available and for how long

6 months after printing the results

To whom data/document is available

oll of people

Under which criteria data/document could be used

researcher

From where data/document is obtainable

Tehran Azad Dental School. Zahra Mirgonjani
dr.zahra.mirgonjani@gmail .com

What processes are involved for a request to access data/document

send maill

Comments