

# 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

**City**

Tehran

**Province**

Tehran

**Postal code**

7685436789

**Phone**

+98 21 2256 4571

**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

**Street address**

Pasdarav, Neyestan9, dental school

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**Province**

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**Postal code**

5467896543

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**Email**

dr.zahra.mirgonjani@gmail.com

**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

**Street address**

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1698749511

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**Email**

FINA-NAVI@YAHOO.COM

**Person responsible for scientific 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**

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## Person responsible for updating data

### Contact

**Name of organization / entity**

Islamic Azad University

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Fina Navi

**Position**

Professor

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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**