

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jun 2026

Evaluation the effect of intervention based on information-motivation-behavioral skills model in prevention of alveolar osteitis (dry socket)

Protocol summary

Summary

(1) Objectives: determination the effect of intervention based on information-motivation-behavioral skills model in prevention of alveolar osteitis (dry socket) (2) Design (study groups and phase, sample size, blinding, randomization, single or multi center): study was done on 204 people who came to surgery department of dentistry college of zahedan to extract wisdom tooth of the lower jaw. The participants are randomly divided into two groups of control and intervention and are studied in a parallel, single-blind way. The study is of a single-center kind. (3) Setting and conduct: the control group will receive the common training of the surgery department of dentistry college about after-extraction cares and the intervention group will receive the training based on information-motivation-behavior skills model. this training will be done in a 20-minutes session, face to face, with an individual discussion and giving out a designed pamphlet based on this model. (4) Participants including major eligibility criteria: the patients who want to extract the wisdom tooth of the lower jaw and have the letter of satisfaction to participate in the study and don't have precedent of having dry socket. (5) Intervention: before tooth extraction, based on information-motivation-behavioral skills model (6) main outcome measures (primary and secondary outcome variables): the number of patients suffering from dry socket

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016041927482N1**

Registration date: **2016-05-25, 1395/03/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-05-25, 1395/03/05

Registrant information

Name

Hamed Nemati Rezvani

Name of organization / entity

Faculty of Dentistry, Zahedan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 54 3341 4004

Email address

nemati@zaums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Zahedan University of Medical Sciences

Expected recruitment start date

2016-04-29, 1395/02/10

Expected recruitment end date

2016-05-09, 1395/02/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation the effect of intervention based on information-motivation-behavioral skills model in prevention of alveolar osteitis (dry socket)

Public title

evaluation the effect of teaching health-care issues after tooth extraction on prevention of dry socket

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion criterias: presenting paper consent in order to participate the study exclusion criterias: 1:having psychological issues. 2:Alcohol and cigarettes consumption 3:having a history of dry dry socket 4:pregnant women or consuming Oral contraceptive pill 5:stop participating in the study

Age

From **20 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **204**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

randomization using the table of random numbers.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Zahedan University of Medical Sciences

Street address

Pardis Department of Zahedan University of Medical Sciences , Khalije Fars Boulevard, Dr.Hesabi Square, Zahedan.

City

Zahedan

Postal code

98167-43463

Approval date

2016-02-21, 1394/12/02

Ethics committee reference number

ir.zaums.rec.1394.405

Health conditions studied

1

Description of health condition studied

dry socket

ICD-10 code

k10.3

ICD-10 code description

Alveolitis of jaws

Primary outcomes

1

Description

the number of patients suffering from dry socket

Timepoint

a weak after intervention

Method of measurement

examining the patients

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

intervention group: this group will know about the dry socket in a 20-minutes session, giving out a designed pamphlet based on the information-motivation-behavior skills model and will be trained about after-extraction cares. these cares include keeping gauze on the socket of tooth for one hour, not spitting, not drinking liquids by straw, not eating or drinking hot food or hot liquid for one day and gargling with saline the next day.

Category

Prevention

2

Description

control group: this group will receive the common teaching of the surgery department that is keeping gauze on the socket of tooth for one hour.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Department of Surgery, Faculty of Dentistry, Zahedan University of Medical Sciences

Full name of responsible person

Nemati Rezvani, Hamed- Specialist in Oral & Maxillofacial Surgery

Street address

Department of Surgery, Faculty of Dentistry, Azadegan East Street, Zahedan

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research of Zahedan University of Medical Sciences

Full name of responsible person

Rafighdoost Hoshang

Street address

Pardis Department of Zahedan University of Medical Sciences, Khalije Fars Boulevard, Dr.Hesabi Square, Zahedan.

City

Zahedan

Grant name

10506

Grant code / Reference number

10506

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

Yes

Title of funding source

Vice Chancellor for Research of Zahedan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Faculty of Dentistry, Zahedan University of Medical Sciences

Full name of responsible person

Nemati Rezvani, Hamed

Position

Specialist in Oral & Maxillofacial Surgery, Assistant Professor and Academic Board Member

Other areas of specialty/work

Street address

Person responsible for scientific inquiries

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Person responsible for updating data

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty