

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 2026

The effect of a comprehensive oral care on oral health changes in patients intubatedpatients in the intensive carehealth centersin Gorganin Gorgan

Protocol summary

Summary

The purpose of this study was to evaluate the effect of comprehensive oral care on oral health changes compared with routine care in patients with an endotracheal tube is hospitalized in intensive care units . This study is a randomized , double- blind clinical trial with a sample size of 38 patients hospitalized in intensive care , tracheal tube , with sampling (random allocation) will be.electric toothbrushes , 1 minute brushing the tongue with a toothbrush, tongue, mouth and lips on each patient 's use Mrzvb .is evaluated . Data is collected and analyzed .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201311107821N7**
Registration date: **2014-04-16, 1393/01/27**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-04-16, 1393/01/27

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Golestan University of Medical Sciences, Vice Chancellor for Research and Technology, Gorgan, Iran

Expected recruitment start date

2013-12-22, 1392/10/01

Expected recruitment end date

2014-06-19, 1393/03/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of a comprehensive oral care on oral health changes in patients intubatedpatients in the intensive carehealth centersin Gorganin Gorgan

Public title

Comprehensive Oral Care On Oral Health Changes

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: patients admitted to the intensive care unit with the endotracheal tube ; aged 18-65 years ; admitted less than 12 hours ; in the absence of coagulopathy ; no pregnancy ; no broken bones facial injuries and fractures of the neck is not fixed ; no injuries oral cavity and gum disease ; patients on admission are no suffering from diseases of the oral cavity of edentulous patients ; not receiving immune suppressor drugs. Exclusion criteria: extubation before 24 hours ; not wanting to continue the study of the patient's legal family.

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 38

Randomization (investigator's opinion)

Randomized

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

Double blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Golestan University of Medical sciences

Street address

Golestan University of medical sciences, Shastkola

City

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Postal code

49165-568

Approval date

2013-12-08, 1392/09/17

Ethics committee reference number

26109209174

2**Ethics committee****Name of ethics committee**

Ethical Committee Golestan University of Medical Sciences

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Approval date

2013-12-08, 1392/09/17

Ethics committee reference number

26109209174

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

Dental hygiene

ICD-10 code

K08.1

ICD-10 code description

Loss of teeth due to accident, extraction or local periodontal disease

Primary outcomes**1****Description**

oral health

Timepoint

Arrival, 48 and 72 hours after

Method of measurement

Oral health assessment tool

Secondary outcomes

empty

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

The intervention group consisted of 19 patients in addition to routine care twice daily at 8 am and 8 pm under the comprehensive oral care. 'To take care 2 minutes brushing the electric toothbrushes; 1 minute brushing the tongue with a tongue scraping, and using a mouth and lips moisturizer of every patient,

Category

Treatment - Drugs

2**Description**

The control group consisted of 19 patients, only part of routine care, including rinsing with chlorhexidine swab is associated gas will be used.

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

5th Azar Hospital

Full name of responsible person

Mojtaba Momeni

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5 AZAR Hospitan, 5 AZAR Street

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Deputy of Research & Technology, Golestan University of Medical Sciences

Full name of responsible person

Dr. Mohamad Jafar Golalipour

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Deputy of Research & Technology, Golestan University of Medical Sciences, Shastkola

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Grant name

مرکز تحقیقات

Grant code / Reference number

مرکز تحقیقات

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

Yes

Title of funding source

Deputy of Research & Technology, Golestan 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**

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Full name of responsible person

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Full name of responsible person

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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