Clinical Trial Protocol
Iranian Registry of Clinical Trials

27 Sep 2026

Assessing temperature _ controlled radiofrequency tonsil ablation and CO_2- laser cryptolysis on treatment of chronic tonsillitis with caseum.

Protocol summary

Summary

Study design: randomized clinical trial. Inclusion criteria: patients upper than 18 years old referred to Besat Hospital clinic with chronic tonsillitis with caseum who had symptoms such as halitosis(with positive Finklestien smell test) or feeling of foreign body and chronic irritation of tonsils; patients who had no periodontal disease, gingivitis or other systemic disease that result in halitosis such as hepatorenal and pulmonary and gastroenterological disease or diabetes mellitus , sinusitis, nasopharyngeal , oropharyngeal or laryngeal cancer in history and physical examination; patients who had no contraindications for radiofrequency of tonsils such as having cardiac pace maker, immunodeficiency disease or coagulation disorders and patients who had no limitation for CO_2- laser. cryptolysis such as anatomical orophryngeal anomalies or mallampati grading 3 or 4. Sample size: 50. Study objective: finding a safe and more cost-effective way to treat chronic tonsillitis with caseum

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201303233186N3**
Registration date: **2013-08-23, 1392/06/01**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2013-08-23, 1392/06/01

Registrant information

Name
Farnaz Hashemian
Name of organization / entity
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Recruitment status

Recruitment complete

Funding source

Hamedan University of Medical Sciences

Expected recruitment start date

2013-05-22, 1392/03/01

Expected recruitment end date

2014-11-22, 1393/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing temperature _ controlled radiofrequency tonsil ablation and CO_2- laser cryptolysis on treatment of chronic tonsillitis with caseum.

Public title

Assessing temperature _ controlled radiofrequency tonsil ablation and CO_2- laser cryptolysis on treatment of chronic tonsillitis with caseum.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients upper than 18 years old referred to Besat Hospital clinic with chronic tonsillitis with caseum who had symptoms such as halitosis(with positive Finklestien smell test) or feeling of foreign body and chronic irritation of tonsils; patients who had no periodontal disease, gingivitis or other systemic disease

that result in halitosis such as hepatorenal and pulmonary and gastroenterological disease or diabetes mellitus , sinusitis, nasopharyngeal , oropharyngeal or laryngeal cancer in history and physical examination; patients who had no contraindications for radiofrequency of tonsils such as having cardiac pace maker, immunodeficiency disease or coagulation disorders and patients who had no limitation for CO_2- laser. Exclusion criterion: cryptolysis such as anatomical orophryngeal anomalies or mallampati grading 3 or 4.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **50**

Randomization (investigator's opinion)
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
Hamedan university of medical

Street address
Hamedan university of medical sciences,Shahid Fahmideh street,Hamedan.

City
Hamedan

Postal code
65178

Approval date
2013-04-08, 1392/01/19

Ethics committee reference number
16/35/9/63/پ/د

Health conditions studied

1

Description of health condition studied
Chronic tonsillitis with caseum

ICD-10 code
J35

ICD-10 code description
Chronic tonsillitis

Primary outcomes

1

Description
Halitosis

Timepoint
Before, 1 week, 1 month, 6 months after intervention

Method of measurement
Visual analog scale questionnaire

2

Description
Feeling of foreign body

Timepoint
Before, 1 week, 1 month,6 months after intervention

Method of measurement
Visual analog scale questionnaire

Secondary outcomes

1

Description
Post intervension pain

Timepoint
1, 3 and 7 days after intervension

Method of measurement
Visual analog scale

Intervention groups

1

Description
Intervention : temperature _ controlled radiofrequency tonsil ablation

Category
Treatment - Other

2

Description
Control : CO_2- laser cryptolysis of tonsils

Category
Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Besat hospital, ENT clinic

Full name of responsible person

Street address
City
Hamedan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Hamedan University of Medical Sciences
Full name of responsible person
Tavilani Heydar
Street address
Hamedan University of Medical Sciences, Shahid Fahmideh street, Hamedan
City
Hamedan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Hamedan 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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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