Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Effect of zinc sulfate on treatment of tinnitus and its related to lipid profile changes

Protocol summary

Study aim
Effect of zinc sulfate on serum lipid changes in patients with tinnitus
Design
all patients with tinnitus including organic and non organic (psychotic) will selected after clinical and microscopic examination and audiological tests and diagnosis cause of tinnitus
Settings and conduct
zinc sulfate capsule (220mg) will administrate daily for 30 days. Then, patients will clinically examine and rate of treatment will evaluate. blood sample will collect and zinc concentration and lipid level in serum will measure.
Participants/Inclusion and exclusion criteria
entrance criteria: all patients with tinnitus exit criteria:lack of patients compliance for study continue, 2-patient under 18 and over 80 yaers
Intervention groups
receiving zinc sulfate capsule
Main outcome variables
serum concentration of zinc and lipid

General information

Reason for update
Acronym
TZL
IRCT registration information
IRCT registration number: **IRCT20180624040213N1**
Registration date: **2018-09-16, 1397/06/25**
Registration timing: **registered_while_recruiting**

Last update: **2018-09-16, 1397/06/25**
Update count: **0**
Registration date
2018-09-16, 1397/06/25

Registrant information

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Hossein Najafzadehvarzi
Name of organization / entity
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Iran (Islamic Republic of)
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2018-08-23, 1397/06/01
Expected recruitment end date
2019-01-21, 1397/11/01
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Effect of zinc sulfate on treatment of tinnitus and its related to lipid profile changes

Public title
Effect of zinc sulfate on treatment of tinnitus and its related to lipid profile changes
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:
all patients with chronic tinnitus with age 18-80 years
Exclusion criteria:
not share for study
Age
No age limit
Gender

Both

Phase
2
Groups that have been masked
No information
Sample size
Target sample size: **60**
Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Other
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
دانشگاه علوم پزشکی بابل
Street address
Babol university of medical sciences- Shahid Ghasemi sreet
City
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Province
Mazandaran
Postal code
47745-47176
Approval date
2018-07-07, 1397/04/16
Ethics committee reference number
IR.MUBABOL.REC.1397.035

Health conditions studied

1

Description of health condition studied
TINNITUS
ICD-10 code
H93.1
ICD-10 code description
Tinnitus

Primary outcomes

1

Description
effect of zinc sulfate on blood lipid changes in patients with tinnitus correction
Timepoint
before and after of intervention
Method of measurement
with commercial kit

Secondary outcomes

empty

Intervention groups

1

Description
blood sample will collect for zinc and lipids concentration from all patient with tinnitus after preamble and their satisfaction. then zinc sulfate 220 mg (in all patient from one company) will administrated for 30 days daily. patient will evaluated after 30 days.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Aeatollah Rohani hospital
Full name of responsible person
Keyvan Kiakojoori
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Sponsors / Funding sources

1

Sponsor
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rezaghadimi@yahoo.com
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Babol University of Medical Sciences
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
Academic

Person responsible for general inquiries

Contact
Name of organization / entity
Babol University of Medical Sciences
Full name of responsible person
Hossein Najafzadehvarzi
Position
professor
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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
No - There is not a plan to make this available
Justification/reason for indecision/not sharing IPD
not more information
Study Protocol
No - There is not a plan to make this available
Statistical Analysis Plan
No - There is not 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
No - There is not a plan to make this available
Analytic Code
No - There is not a plan to make this available
Data Dictionary
No - There is not a plan to make this available