

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Effects of probiotic supplementation on blood parameters and some anthropometric indicators in head trauma patients admitted to the ICU

Protocol summary

Summary

Objective: To determine the effects of probiotic supplementation on some blood parameters and anthropometric indicators of stroke patients admitted to the ICU Inclusion criteria: patients with head injury; age between 49-15 years Exclusion criteria: gastric intolerance; GCS = 3-5; blood and its products study population: all patients between 49-15 years of head injury in ICU sample size: 60 intervention: the intervention group was given daily for 2 weeks 2 probiotic supplement intervention time: two weeks consequences initia: recovery of hematological parameters and anthropometric indicator

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014060416221N2**

Registration date: **2014-06-25, 1393/04/04**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-06-25, 1393/04/04

Registrant information

Name

Ali Tajabadi

Name of organization / entity

Sabzevar University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Credit and Technology Research Center of Medical Sciences, Sabzevar

Expected recruitment start date

2013-03-21, 1392/01/01

Expected recruitment end date

2013-11-22, 1392/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects of probiotic supplementation on blood parameters and some anthropometric indicators in head trauma patients admitted to the ICU

Public title

The effect of probiotics on blood parameters

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients with head injur; age between 49-15 years Exclusion criteria: gastric intolerance; GCS = 3-5; transfusion of blood and its products

Age

From **15 years** old to **49 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

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
Sabzevar University of Medical Sciences
Street address
Departement of Sabzevar University of Medical
Sciences,Sabzevr,Khorasan Razavi
City
Sabzevar
Postal code
Approval date
2013-12-30, 1392/10/09
Ethics committee reference number
medsab.rec.92.19

Health conditions studied

1

Description of health condition studied
Injuries to the head
ICD-10 code
s00
ICD-10 code description
Superficial injury of head

2

Description of health condition studied
Injuries to the head
ICD-10 code
s06
ICD-10 code description
Intracranial injury

3

Description of health condition studied
Injuries to the head
ICD-10 code
s09
ICD-10 code description
Other and unspecified injuries of head

4

Description of health condition studied
Injuries to the head
ICD-10 code
s02
ICD-10 code description
Fracture of skull and facial bones

Primary outcomes

1

Description
blood parameters
Timepoint
Before Intervention and two weeks after the intervention
Method of measurement
milligrams per deciliter, using laboratory apparatus

2

Description
Anthropometric indicators
Timepoint
Before Intervention and two weeks after the intervention
Method of measurement
Centimeter, usiing meter

Secondary outcomes

1

Description
Gastrointestinal digestion
Timepoint
Before and during the intervention
Method of measurement
Questionnaire in terms of defecation

Intervention groups

1

Description
Two probiotic supplements daily for two weeks of oral in
the intervention group
Category
Treatment - Drugs

2

Description
In the control group, no treatment. Before and two weeks
after the study were evaluated anthropometric indices
and blood parameters.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Training Center - Research - Medical relief Doctor
martyr Beheshti

Full name of responsible person

Ali Tajabadi

Street address

City

Sabzevar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Dr,Mohammadzadeh

Street address

Sabzevar University of Medical Sciences, Sabzevar,
Khorasan razavi

City

Sabzevar

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Sabzevar 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

Sabzevar University of Medical Sciences

Full name of responsible person

Ali Tajabadi

Position

Msc

Other areas of specialty/work

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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