Clinical Trial Protocol
Iranian Registry of Clinical Trials

20 Jun 2026

Effect Of Probiotic Supplementation On Some Digestive Problems, Stroke Patients

Protocol summary

Summary

Initially, the purpose and methods of implementation to the patients or their parents will be explained and Written consent to the inclusion criteria of the patients received. The GCS and some indicators such as waist size (the area around the navel) to compare the amount of flatulence in the beginning of the study And frequency of bowel movements (constipation at the beginning and end of the study was to compare the rate) in these patients are checked on arrival.Then based on the method used to assign patients randomly divided into two groups of 35.In addition to the daily diet of the test group 2 probiotic supplements containing Lactobacillus Zhry lactate fermentation biotech company, Bifidobacterium, Streptococcus and Fructose Oligosaccharides are 100 mg; Gavage every 12 hours with a solution for a given week And to control the food is just as routine.At the end of the first week back some indicators such as waist circumference and Tdaddfat stools are examined and measured.The end results will be compared with each other group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014111119911N1**
Registration date: **2015-01-06, 1393/10/16**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-01-06, 1393/10/16

Registrant information

Name

Sara Jahangiri

Name of organization / entity

Sabzevar University of Medical Sciences and Health Services

Country

Iran (Islamic Republic of)

Phone

+98 51 3604 6516

Email address

sarajahangiri448@yahoo.com

Recruitment status

Recruitment complete

Funding source

Sabzevar University of Medical Sciences

Expected recruitment start date

2014-08-23, 1393/06/01

Expected recruitment end date

2014-12-21, 1393/09/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect Of Probiotic Supplementation On Some Digestive Problems, Stroke Patients

Public title

Effect Of Probiotic Supplementation On Constipation and Bloating Stroke Patients

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Patients aged 80-30; Patients with gastrointestinal problems (constipation and abdominal distension); No obvious bleeding in the upper gastrointestinal tract; Absence of associated diseases that cause constipation, such as diabetes or hypothyroidism; Total parenteral nutrition patients who

do not; Patients with GCS (5-15 have;Patients who have the same die; Hydration in patients who have identical conditions; Not receiving medications that cause constipation; Patients who do not exercise and your daily activities to help others do the work in terms of a level; Stroke patients admitted to the ICU, Taleghani Hospital, Mashhad. Exclusion criteria:The use of probiotics in the following refusal by the patient's physician to the patient; Parents patient's refusal to continue using probiotic supplements; Patients who do not tolerate gavage; Patients with systolic blood pressure lower than 100 millimeters of mercury; The patient died during the study.

Age
From **30 years** old to **80 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **70**

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 and Health Services

Street address
Building number two, Vice Chancellor for Education, University of Sabzevar

City
Sabzevar

Postal code
9613873136

Approval date
2014-07-05, 1393/04/14

Ethics committee reference number
medsab.Rec.93.15

Health conditions studied

1

Description of health condition studied
Stroke

ICD-10 code
I64

ICD-10 code description
Stroke, not specified as haemorrhage or infarction

Primary outcomes

1

Description
Abdominal circumference

Timepoint
A week before the intervention and after the intervention began.

Method of measurement
Using a tape measure in centimeter.

2

Description
The frequency of bowel movements

Timepoint
A week before the intervention and after the intervention began.

Method of measurement
Based on the registration number of daily excretion in patient chart

Secondary outcomes

1

Description
Side Effect

Timepoint
During the intervention and a week after the intervention

Method of measurement
Observation and scrutiny of the patient's general condition

Intervention groups

1

Description
The control group was routinely given food only / no action

Category
Treatment - Drugs

2

Description
The intervention group consumed (lactate Zhry Capsules, 500 mg, twice a day after meal for a week)

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Taleghani Hospital, Mashhad
Full name of responsible person
Sara Jahangiri
Street address
Taleghani, Tee Ferdowsi Asian Highway, Mashhad
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Sabzevar University of Medical Sciences
Full name of responsible person
Musa Al-Reza Taday'oun far
Street address
Building number two, Vice Chancellor for Education, Sabzevar University of Medical Sciences and Health Services
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 and Health Services
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Nursing Graduate Student Sabzevar University of Medical Sciences and Health Services
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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