Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Nov 2026

Impact of establishing a consultative communication network of family physicians on level of Glycated hemoglobin(HbA1c)and Fasting Blood Sugar(FBS) in patients with diabetes

Protocol summary

Summary

The aim of this study is to determine the effect of developing a consultative communication network of physicians on the level of HbA1C and FBS in patients. 50 patients in the intervention group and 50 s patients in the control group were randomly selected.Inclusion criteria were have Type II diabetes over a year and Continuing refer to health centers for receive Health Cares. In the health centers receptive of patients in the intervention group, a consultative communication network was established among the physicians. The data were collected using the checklist of demographic information of patients and laboratory results regarding the level of HbA1C and FBS of patients were gathered at the baseline and 4 months after the establishment of the consultative communication network.

General information

Acronym

HbA1c - FBS

IRCT registration information

IRCT registration number: **IRCT2016061928529N1**
Registration date: **2016-10-13, 1395/07/22**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-10-13, 1395/07/22

Registrant information

Name

Hadi Tehrani

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 3853 8530

Email address

tehranih@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research,Mashhad University of Medical Sciences

Expected recruitment start date

2015-10-27, 1394/08/05

Expected recruitment end date

2016-02-24, 1394/12/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Impact of establishing a consultative communication network of family physicians on level of Glycated hemoglobin(HbA1c)and Fasting Blood Sugar(FBS) in patients with diabetes

Public title

Impact of Education on patients with diabetes

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Type II diabetes over a year؛ Continuing refer to health centers for receive Health Cares exclusion criteria Not satisfaction to participating in the study

Age

No age limit

Gender

Both

Phase
2
Groups that have been masked
No information
Sample size
Target sample size: **100**
Randomization (investigator's opinion)
N/A
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
Ethics committee of Mashhad University of Medical Sciences
Street address
Administration Center(Qoreishi Building) – Daneshgah St. – Mashhad – Iran
City
Mashhad
Postal code
Approval date
2015-06-07, 1394/03/17
Ethics committee reference number
IR.MUMS.REC.1394.166

Health conditions studied

1

Description of health condition studied
Diabetes mellitus
ICD-10 code
E10-E14
ICD-10 code description
Diabetes mellitus

Primary outcomes

1

Description
FBS
Timepoint
Before intervention and 4 months after the intervention.
* مقاطع زمانی اندازه گیری
Method of measurement
FBS(Mg/dl)

2

Description
Glycated Haemoglobin (HbA1C)
Timepoint
Before intervention and 4 months after the intervention.
* مقاطع زمانی اندازه گیری
Method of measurement
HbA1C (Mg/dl)

Secondary outcomes

1

Description
Knowledge and Attitude
Timepoint
Prior to the intervention and4 months after the intervention
Method of measurement
Questionnaire

Intervention groups

1

Description
control group: No intervention was done for control group.
Category
Other

2

Description
Intervention group :In the health centers receptive of patients in the intervention group, a consultative communication network was established among the physicians.At the beginning of the study,The physicians who were in the intervention group were informed about purposes of this study. Then a communication network was established between physicians that allowed them to consult and exchange their ideas about their patients. Communication network was including Family physicians, an internal specialist and an endocrinologist. The members could contact each other through phone, SMS, email and blogs. They could exchange views and personal experiences in relation to Diabetes Care. Moreover, four meetings were held during the period of study in which the physicians discussed special cases and problems associated with the treatment of their patients.
Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Rural health centers Bardaskan city

Full name of responsible person
Hadi tehrani

Street address
Mashhad University of Medical Sciences, Qoreishi Building, Daneshgah St, Mashhad, Iran

City
Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for research of Mashhad University of Medical Sciences

Full name of responsible person
Dr Mohsen Tafaghodi

Street address
Administration Center(Qoreishi Building), Daneshgah St, Mashhad, Iran

City
Mashhad

Grant name

Grant code / Reference number

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

Title of funding source
Vice Chancellor for research of Mashhad 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
Mashhad University of Medical Sciences, Mashhad, Iran

Full name of responsible person
Ali Vafaei Najar

Position
Associate Professor of Health Management

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