

DISC-studie.

Gepubliceerd: 29-06-2009 Laatste bijgewerkt: 18-08-2022

A social network intervention ('Powerful Together with Diabetes') will enable diabetic patients in lower socioeconomic groups to effectively manage their type 2 diabetes and optimize their metabolic control, health related outcomes, diabetes...

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON29182

Bron

NTR

Verkorte titel

DISC-studie

Aandoening

Type 2 Diabetes Mellitus

Ondersteuning

Primaire sponsor: Academic Medical Centre (AMC)

Dept. of Social Medicine

Overige ondersteuning: Zonmw. The Netherlands Organization for Health Research and Development.

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The primary outcome measure is HbA1c at 16 months.

Toelichting onderzoek

Achtergrond van het onderzoek

Background:

Compared to those in higher socioeconomic groups, diabetic patients in lower socioeconomic groups have less favourable metabolic control and experience more diabetes-related complications. They encounter specific barriers that hinder optimal diabetes self-management, including a lack of social support and other psychosocial mechanisms in their immediate social environments. Powerful Together with Diabetes is a culturally sensitive social network intervention specifically targeted to ethnic Dutch, Moroccan, Turkish, and Surinamese diabetic patients in lower socioeconomic groups. For ten months, patients will participate in peer support groups in which they will share experiences, support each other in maintaining healthy lifestyles, and learn skills to resist social pressure. At the same time, their significant others will also receive an intervention, aimed at maximizing support for and minimizing the negative social influences on diabetes self-management.

Methods:

This study aims to test the effectiveness of Powerful Together with Diabetes. We will use a quasi-experimental design with an intervention group (Group 1) and two comparison groups (Groups 2 and 3), N=128 in each group. Group 1 will receive Powerful Together with Diabetes. Group 2 will receive Know your Sugar, a six-week group intervention that does not focus on the participants' social environments. Group 3 will receive standard care only. Assessment: participants in Groups 1 and 2 will be interviewed and physically examined at baseline, 3, 10, and 16 months. We will compare their haemoglobin A1C levels with the haemoglobin A1C levels of Group 3. Main outcome measures: haemoglobin A1C, diabetes-related quality of life, diabetes self-management, health-related, and intermediate outcome measures. We will conduct a process evaluation and a qualitative study to gain more insights into the intervention fidelity, feasibility, and changes in the psychosocial mechanism in the participants' immediate social environments.

Conclusion:

With this study, we will assess the feasibility and effectiveness of a culturally sensitive social network intervention for lower socioeconomic groups. Furthermore, we will study how to enable these patients to optimally manage their diabetes.

Doel van het onderzoek

A social network intervention ('Powerful Together with Diabetes') will enable diabetic patients in lower socioeconomic groups to effectively manage their type 2 diabetes and optimize their metabolic control, health related outcomes, diabetes related behaviour and psycho-social outcomes.

Onderzoeksopzet

Measurements will take place at baseline, 3, 10 and 16 months.

Onderzoeksproduct en/of interventie

Powerful Together with Diabetes is a culturally sensitive social network intervention specifically targeted to ethnic Dutch, Moroccan, Turkish, and Surinamese diabetic patients in lower socioeconomic groups. For ten months, patients will participate in peer support groups in which they will share experiences, support each other in maintaining healthy lifestyles, and learn skills to resist social pressure. At the same time, their significant others will also receive an intervention, aimed at maximizing support for and minimizing the negative social influences on diabetes self-management. Know your Sugar is a six-week group intervention that does not focus on the participants' social environments.

Contactpersonen

Publiek

postbus 22660
Charlotte Vissenberg
AMC, Afdeling Sociale Geneeskunde
Amsterdam 1100 DD
The Netherlands
+31 (0)20-5664658

Wetenschappelijk

postbus 22660
Charlotte Vissenberg
AMC, Afdeling Sociale Geneeskunde
Amsterdam 1100 DD
The Netherlands
+31 (0)20-5664658

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Diagnosed with type 2 diabetes;
2. One year under treatment for diabetes;
3. Older than 30 years;
4. Living in a deprived neighbourhood.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Their General Practitioner objects against participation;
2. The patient has severe psychiatric disorders;
3. The patient can't come to the location of the intervention independently;
4. The patient is planning to stay abroad for a longer period of time;
5. The patient is participating in other interventions aimed at improving his/her lifestyle.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-10-2009

Aantal proefpersonen: 256
Type: Verwachte startdatum

Ethische beoordeling

Positief advies
Datum: 29-06-2009
Soort: Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL1776
NTR-old	NTR1886
Ander register	Zonmw : 76500003
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A