

Improving empathy and self-efficacy in caregivers of persons with intellectual disabilities, using m-learning (HiSense APP-ID)

Gepubliceerd: 07-12-2017 Laatste bijgewerkt: 13-12-2022

Persons with intellectual disabilities remain dependent on a caregiver for various aspects of their life, often including coping with emotions and stress. It is therefore crucial that parents and other caregivers of persons with ID are aware of...

Ethische beoordeling	Niet van toepassing
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON20786

Bron

NTR

Aandoening

Attachment, Intellectual disability, Sensitivity, Empathy, Self-efficacy

Gehechtheid, Verstandelijke beperking, Sensitiviteit, Empathie, Vertrouwen in het eigen kunnen.

Ondersteuning

Primaire sponsor: - Department of Clinical Child and Family Studies, Vrije Universiteit, Amsterdam, The Netherlands.

- Amsterdam Public Health research institute, Amsterdam, The Netherlands.

- Bartiméus, Doorn, The Netherlands.

- Ons Tweede Thuis, Aalsmeer, The Netherlands.

Overige ondersteuning: This research is funded by The Netherlands Organisation for Health Research and Development, ZonMw (Project number 845004004).

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Knowledge test about attachment relationships

EmpathieQuotient and Interpersonal Reactivity Index

Self-Efficacy in the Nurturing Role scale

Toelichting onderzoek

Achtergrond van het onderzoek

The present m-learning intervention aims to educate parents/relatives and caregivers, and to encourage reflection on the interaction with their child or client with an intellectual disability. Growth in theoretical and practical insight should increase the sensitivity and responsivity that are necessary to form a secure relationship with their child or client, and improve their sense of self-efficacy.

The intervention offers small quantities of theoretical and practical knowledge in an m-learning course. The course requires five minutes each day, over a period of 30 days. Each day participants will answer four multiple-choice questions, and receive feedback afterwards. The study aims to explore the effects of the HiSense APP-ID intervention on theoretical knowledge, empathy and self-efficacy of parents/relatives and professional caregivers of persons with mild or moderate intellectual disabilities.

A randomized controlled trial will be conducted among 116 parents/relatives and 116 professional caregivers with mild or moderate intellectual disability. Data will be collected on three timepoints: at the start of the intervention, at the end of the intervention, and after a 30-day retention period.

Doel van het onderzoek

Persons with intellectual disabilities remain dependent on a caregiver for various aspects of their life, often including coping with emotions and stress. It is therefore crucial that parents and other caregivers of persons with ID are aware of their responsibilities in establishing a secure relationship and that they know how to support the emotional development of their child or client.

The HiSense APP-ID was hypothesized to have positive effects on the basic knowledge about attachment theory, and to increase empathy and self-efficacy in parents/relatives and professional caregivers of persons with mild or moderate ID.

- Parents/relatives and professional caregivers will experience the intervention as a pleasant and challenging way to gain theoretical knowledge.
- Participation in the intervention will be associated with an increase in theoretical knowledge about sensitive and responsive interaction, both for parents/relatives and professional caregivers.
- Participation in the intervention will be associated with an increase in empathy and self-reported competence, both for parents/relatives and professional caregivers.

Onderzoeksopzet

T0: baseline

- Demographic variables
- Social Validity
- Knowledge test
- Empathy
- Self-efficacy

T1:

- Social Validity
- Knowledge test
- Empathy
- Self-efficacy

T2:

- Knowledge test
- Empathy
- Self-efficacy

Onderzoeksproduct en/of interventie

The effect of the HiSense APP-ID will be assessed in two separate two-group, parallel, single blinded randomized control trials. Parents and close family members are treated as one group, and professional caregivers as another group, are treated as separate groups in the analysis.

Within each group a randomized controlled trial is conducted.

The HiSense APP- ID uses questions, statements and practical examples to inform parents/relatives and professional caregivers about the influence of their sensitivity and reactivity in the context of attachment and communication. The m-learning intervention is divided into short, daily sessions. Each day participants complete four multiple-choice questions. They receive feedback on their original answer (correct or wrong) and an additional explanation is given for the correct answer. The topics are revisited repeatedly over time in different questions.

The main topics in the intervention are 1) attachment theory in daily practice, 2) socio-emotional functioning in persons with ID, 3) sensitivity and responsiveness to communicative signals, 4) emotion regulation, 5) observation and interpretation of behavior, and 6) basic knowledge about ID and common comorbidities such as Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder. Each topic is addressed in 15 questions, except 1) attachment theory which has 45 questions. Phrasing is differentiated for parents/relatives and professional caregivers, corresponding to their relationship to individuals with ID.

Contactpersonen

Publiek

Paula Sterkenburg
Van der Boechorstraat 1

Amsterdam 1081 BT
The Netherlands
020 5988 900

Wetenschappelijk

Paula Sterkenburg
Van der Boechorstraat 1

Amsterdam 1081 BT

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

The participants will be 116 parents/relatives of individuals with mild or moderate ID and 116 professional caregivers of persons with mild or moderate ID.

Close relatives, such as a brother or sister, uncle or aunt, can participate if the parents of a client are no longer the primary caregiver in the family.

Participants are invited to participate when they care for one or more persons with mild or moderate ID.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- If persons care for persons with severe or multiple disabilities, or
- when their use of the APP will be interrupted for more than five consecutive days.
- For parents/relatives, only one family member per client is included.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd

Blindering: Enkelblind
Controle: Geneesmiddel

Deelname

Nederland
Status: Werving gestart
(Verwachte) startdatum: 01-01-2018
Aantal proefpersonen: 252
Type: Verwachte startdatum

Ethische beoordeling

Niet van toepassing
Soort: Niet van toepassing

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	NL6767
---------	--------

NTR-old	NTR6944
---------	---------

Ander register Vaste Commissie Wetenschap en Ethiek VU : VCWE-2017-004

Resultaten