ADHD Treatment at home through E-health? A Non-inferiority pilot trial and Examination of costs and consumer satisfaction of blended versus face to face parent training for children with ADHD and behavioral problems

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Children with attention–deficit/hyperactivity disorder (ADHD) often show behavior problems (e.g., temper tantrums, disobedience, aggressive behaviors) that can severely influence their daily life and development. Parent training is a well-...

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON22850

Bron
NTR

Verkorte titel
ATHENE

Aandoening

ADHD; behavioral problems; children; parent training;
e-health; blended treatment; online; gedragsproblemen; kinderen; ouders; training; oudertraining; blended

Ondersteuning

Primaire sponsor: Accare Child and Adolescent Psychiatry
Overige ondersteuning: University Medical Center Groningen (Healthy Ageing

Pilots)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The severity of parent reported child behavior problems, as measured with the Externalizing scale of the Child Behavior Checklist (CBCL).

Toelichting onderzoek

Achtergrond van het onderzoek

Parent training is a well-established intervention for children with ADHD and behavior problems. Due to the growing need to enhance the cost-effectiveness of treatments in mental health care, a blended parent training program has been developed, providing parent training partially online and partially face-to-face. The blended program aims to reduce costs by diminishing therapist time and to enhance the availability, accessibility, and user-friendliness of the intervention, without reducing its effectiveness. The current pilot study will explore (1) whether the effect of blended parent training is noninferior to the effect of face to face parent training in children with ADHD and behavioral problems, (2) whether therapist time can be reduced by offering the intervention partially online, (3) whether parents are satisfied with the blended parent training program, and (4) the opinion of parents regarding the feasibility of the blended program. We will conduct a randomized controlled trial, with two conditions: (1) individual face to face parent training (n=10), and (2) individual blended parent training (n=10).

Our primary outcome will be the severity of parent reported behavior problems, as measured with the Externalizing scale of the Child Behavior Checklist (CBCL). Secondary outcome measures include parental satisfaction with the training, parenting competence and stress, the amount of therapist time, and children’s comorbid problems.

Doel van het onderzoek

Children with attention–deficit/hyperactivity disorder (ADHD) often show behavior problems (e.g., temper tantrums, disobedience, aggressive behaviors) that can severely influence their daily life and development. Parent training is a well-established intervention for children with ADHD and behavior problems; its effectiveness has been shown particularly with respect to the reduction of behavioral problems. Due to the growing need to enhance the cost-effectiveness of treatments in mental health care, a blended parent training program has been developed, providing parent training partially online and partially face-to-face. The

blended program aims to reduce costs by diminishing therapist time and to enhance the availability, accessibility, and user-friendliness of the intervention, without reducing its effectiveness.

Objective: The current pilot study will explore (1) whether the effect of blended parent training is noninferior to the effect of face to face parent training, (2) whether therapist time can be reduced by offering the intervention partially online, (3) whether parents are satisfied with the blended parent training program, and (4) the opinion of parents regarding the feasibility of the blended program.

Onderzoeksopzet

There are two time-points: assessments will take place before randomization and immediately after the BPTG.

Onderzoeksproduct en/of interventie

Face to face parent training consists of 10-17 manualized face to face contacts with homework to practice learned skills.

In the blended parent training, parents participate in a training with the same content, but delivered largely online, with an additional minimum of four face to face contacts. The duration of both treatments is approximately twenty weeks.

Contactpersonen

Publiek

University Medical Center Groningen (UMCG), University Center for Child and Adolescent Psychiatry, Department of Psychiatry,
Hanzeplein 1
Barbara J. Hoofdakker, van den
Hanzeplein 1

Groningen 9713 GZ
The Netherlands
+31 (0)50 3681100

Wetenschappelijk

University Medical Center Groningen (UMCG), University Center for Child and Adolescent Psychiatry, Department of Psychiatry,
Hanzeplein 1

Barbara J. Hoofdakker, van den
Hanzeplein 1

Groningen 9713 GZ
The Netherlands
+31 (0)50 3681100

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

In order to be eligible to participate in this study, a subject must meet the following criteria:

1) The child has a diagnosis of ADHD according to DSM IV-TR or DSM-5 criteria.

2) The child is 4 through 12 years old.

3) The child has an IQ higher than 70.

4) At least one parent experiences behavioral problems at home and is able to select at least three problem behaviors on the List of Target Behaviors (LTB).

5) Both parents (if present) are willing to participate in the BPTG program.

6) The child is not taking any psychotropic medication or, when taking psychotropic medication, is on a stable dose for at least 6 weeks prior to the inclusion.

7) The referring clinician does not expect any changes in drug treatment policy during the BPTG.

8) Parent(s) have given their informed consent for participation.

9) Parent(s) have a laptop or PC at their disposal.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

A potential subject who meets any of the following criteria will be excluded from participation in this study:

1) Parents participated in a behavioral parent training in the year prior to the current study.

2) There are problems with the child and/or the family that require immediate intervention (e.g. crisis in the family).

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving gestopt
(Verwachte) startdatum:	01-12-2015
Aantal proefpersonen:	20
Type:	Werkelijke startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies

Datum:	21-11-2016
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	NL6092
NTR-old	NTR6239
Ander register	Medical Ethical Committee (METc) of the University Medical Center Groningen (UMCG) : METc 2015.289

Resultaten