

Exploring the effects of Street Temptations on cognitive distortions and treatment motivation within behaviorally at-risk adolescents

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

Samenvatting

ID

NL-OMON25971

Bron

NTR

Verkorte titel

Exploration of Street Temptations

Aandoening

n.a.

Ondersteuning

Primaire sponsor: VUmc

Overige ondersteuning: Ministry of Health, Welfare and Sport

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The main study parameters are the daily self-reported measurements on cognitive distortions and treatment motivation.

Measurements are based on the How I Think Questionnaire (Barriga, Gibbs, et al., 2001) and the Adolescent Treatment Motivation Questionnaire (Helm, Wissink, Jongh, & Stams, 2012).

Toelichting onderzoek

Achtergrond van het onderzoek

Disruptive behavior among adolescents is a widely acknowledged problem, that highlights the importance of adequate and effective treatment to help adolescents with disruptive behavior problems behave more socially adequate. Self-serving cognitive distortions (e.g., Self-Centered and Blaming Others) play a central role in initiating and maintaining disruptive behavior. Therefore, it seems particularly important to focus on opportunities to challenge these distortions when it comes to treatment. Exercises regarding social perspective-taking can provide these opportunities. In addition to cognitive distortions, adolescents with disruptive behavior often display a lack of motivation regarding treatment and behavioral change. Consequently, a focus on treatment motivation is needed as well, in order to create a treatment environment in which behavioral change can actually be enhanced. Street Temptations (ST) is a new training program that was developed to address both aspects, through a primary focus on mentalization, i.e. reflective functioning. One of the innovative aspects of ST is the use of virtual reality (VR) to enhance the therapeutic exercises. The current research project will be conducted to provide a first and thorough exploration into ST's effectiveness in enhancing cognitive distortions and treatment motivation within adolescents with disruptive behavior problems. The effects of ST will be examined through a repeated multiple baseline Single-Case Experimental Design (SCED). 18 participants will be randomly assigned to one of three different baselines, equally divided over two different settings. The course of the study will consist of three phases: phase A – baseline, phase B – intervention and phase C – follow-up. Throughout the different phases, daily measurements on cognitive distortions and treatment motivation will be conducted. Participants will be recruited among adolescents who are staying in a secure residential youth care facility providing (forensic) psychiatric and residential youth care, and among students from schools providing secondary special education for adolescents with severe behavioral problems. From both populations, adolescents aged 12 to 18 years can be referred to participate in the project.

Doel van het onderzoek

The primary objective is to explore whether participation in ST leads to a change with regard to cognitive distortions and treatment motivation in behaviorally at-risk adolescents.

Secondarily, it will be analysed whether participants show a difference in reflective functioning and social perspective-taking. Qualitative data will be collected to analyse adolescents' and therapists' opinions and experiences regarding working with ST and VR, as well as to address ST's possible long term influence on subsequent treatment trajectories.

Onderzoeksopzet

In total, the research period from the start of the baseline till the end of the first follow-up will take up approximately eight weeks per participant. During this period, the daily assessments take place. Other data will be collected in 4 face-to-face assessments. Three months after the research period, participants will be approached again for a second interview. Three months after that, participants will be approached for a final follow-up interview.

Onderzoeksproduct en/of interventie

All participants will undergo the ST-training program. ST is an intervention that consists of 7 treatment sessions. Through practical and dynamic exercises that focus on social perspective-taking, youths can practice with mentalization skills. An additional innovative aspect of ST is the use of VR technique to enhance the exercises. Adolescents watch a short VR-video of a street fight or visualize a personal experience, to present a scenario and start the conversation. The different characters in the VR-video or their personal experience are used during the intervention to take different perspectives, e.g. offender, victim, bystander, etc.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Assigned to Street Temptations after multidisciplinary consultation within the organisation.
- Antisocial and/or externalizing problem behavior.
- Deficits regarding cognitive distortions and/or treatment motivation.
- Presence or risk of delinquent behavior.
- Expected stay of at least two months.
- Adolescents are aged between 12 and 18 years old.
- Basic understanding of mobile applications.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Severe physical impairment, such as deafness and blindness.
- Severe psychiatric problems, such as psychosis or high risk of suicide requiring immediate intervention.
- Trauma from serious violence.
- Epilepsy and/or serious problems regarding motion sickness.
- Insufficient understanding of the spoken and written Dutch language.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Anders
Toewijzing:	Gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-09-2021
Aantal proefpersonen:	18
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies

Datum: 30-07-2021

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	NL9639
Ander register	METC VUmc : 2021.0114

Resultaten