

A randomized controlled trial to evaluate the effectiveness of a videogame intervention (Dojo) for anxious-aggressive adolescents.

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The main aim of this project is to conduct a randomized controlled trial (RCT) to evaluate the effectiveness of the videogame Dojo as an intervention for anxious-aggressive youths in residential treatment. The effectiveness of Dojo will be compared...

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

Samenvatting

ID

NL-OMON25303

Bron

Nationaal Trial Register

Aandoening

Aggression, Anxiety, Intervention, Biofeedback, Adolescents

Ondersteuning

Primaire sponsor: Radboud University Nijmegen, Behavioural Science Institute

Overige ondersteuning: Radboud University Nijmegen, Behavioural Science Institute, Pluryn, Gamedesk

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Aggressive behavior: Strengths and Difficulties Questionnaire (SDQ). Self-report and group home mentor report.

Anxiety symptoms: Spence Children's Anxiety Scale (SCAS). Self-report and group home mentor report.

Toelichting onderzoek

Achtergrond van het onderzoek

In this randomized controlled trial (RCT with two conditions, intervention and control group) the effectiveness of the videogame Dojo will be compared to treatment as usual in a Dutch sample of adolescent youths with clinically elevated levels of aggression and anxiety. The experimental condition, 'Dojo', will consist of eight sessions of 30 minutes of playing the videogame 'Dojo'. The control condition will receive treatment as usual, a cognitive behavioural based therapy approach. Measurements of primary and secondary outcomes will be conducted in the experimental and control group at baseline, immediately after treatment, and four months after the last session.

Doel van het onderzoek

The main aim of this project is to conduct a randomized controlled trial (RCT) to evaluate the effectiveness of the videogame Dojo as an intervention for anxious-aggressive youths in residential treatment. The effectiveness of Dojo will be compared to treatment as usual in a Dutch sample of adolescent youths with clinically elevated levels of anxiety and aggression. It is hypothesized that the youths who play Dojo will show lower levels of anxiety and aggression in comparison with the youths who receive treatment as usual at measurements post-treatment and four month follow-up.

Onderzoeksopzet

1. Pretreatment (all primary and secondary outcomes);
2. Posttreatment (all primary and secondary outcomes);
3. Four months after the last session (follow-up; all primary and secondary outcomes)

Onderzoeksproduct en/of interventie

Youths are randomly assigned to one of two conditions.

1. The experimental condition, 'Dojo', will consist of 8 sessions of 30 minutes of playing the videogame 'Dojo' (4 weeks, twice a week). These sessions will take place in their therapy buildings during school time under supervision of a researcher.
2. The control condition will receive treatment as usual, a cognitive behavioural based therapy approach.

Contactpersonen

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Youths in residential treatment for conduct problems (ages 12-17);
2. Informed consent from youths and parents (or legal guardian);
3. Clinically elevated symptoms of anxiety, based on therapist judgment or the Youth Self Report.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Diagnosis of an Autism Spectrum Disorder.

Onderzoekopzet

Opzet

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

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	17-03-2014
Aantal proefpersonen:	40
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	NL4329
NTR-old	NTR4477

Register

Ander register

ID

: 2013-1811-154 ECG

Resultaten