Efficacy of BrainGame Brian training in children born very preterm

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON27735

Source
Nationaal Trial Register

Health condition

Preterm birth, attention problems, vroeggeboorte, aandachtsproblemen

Sponsors and support

Primary sponsor: Academic Medical Center Amsterdam
Source(s) of monetary or material Support: Stichting Kinderpostzegels, Cornelia Stichting

Intervention

Outcome measures

Primary outcome

Attention problems reported by parents and teachers on the Strengths and Weaknesses of ADHD symptoms and Normal behavior rating scale (SWAN)

Secondary outcome

Neurocognitive outcomes (attention, executive functions), questionnaire outcomes (attention, executive functions) and school abilities (math, reading)

Study description

Background summary

In the Netherlands, every year around 2150 children are born very preterm (<30 weeks of gestation). These children will encounter bheavioral problems and problems at school when they grow up. Deficiencies in executive functions are thought to be one of the most important underlieing causes of these problems. Training executive functions is a promising new method to reduce the weak perfromance in school and the behavioral problems in this population. The BrainGame Brian training has recently been developed to train executive functions in children. The study objectives are to investigate whether the BrainGame Brian training leads to a significant decrease in attentional problems and whether these improvements generalize to school performance (maths and reading).

Study design

pre training, 2 weeks post training, 5 months post training

Intervention

BrainGame Brian training, Placebo, No treatment

Contacts

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Eligibility criteria

Inclusion criteria

Aged 8 to 12

Born < 30 weeks of gestation and/or with a birthweight < 1000 gram

Parent reported attention problems

Exclusion criteria

IQ < 80 on short version of the WISC-III-NL

Motorical problems too severe to allow use of a computer

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Double blinded (masking used)
Control:	Placebo

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	01-02-2018
Enrollment:	210
Type:	Anticipated

Ethics review

Not applicable
Application type: Not applicable

Study registrations

Followed up by the following (possibly more current) registration

ID: 45165
Bron: ToetsingOnline
Titel:

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL5217
NTR-old	NTR5365
CCMO	NL54163.018.15
OMON	NL-OMON45165

Study results