

EXERCISE STUDY

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON27466

Source

Nationaal Trial Register

Brief title

EXERCISE

Health condition

Pompe's disease, a Fontan circulation, Broncho Pulmonary Dysplasia or an Inflammatory bowel disease.

Sponsors and support

Primary sponsor: Stichting vrienden van Sophia

Source(s) of monetary or material Support: Stichting vrienden van Sophia

Intervention

Outcome measures

Primary outcome

Exercise capacity (Peak VO2)

Secondary outcome

Physical activity levels, quality of life, disease activity, heartfunction, lungfunction, rest metabolism, body composition, muscle strenght, endurance, fears among exercise.

Study description

Background summary

14% of Dutch children are diagnosed with a chronic disease. These children report a decreased quality of life due to problems in common well-being and physical functioning. They feel restricted in sports participation and physical functioning. Most chronic ill children have lower levels of daily physical activity and lower exercise capacity as their peers. In this study, we first measure the daily physical activity levels, exercise capacity, muscle strength, quality of life, fear of exercise, disease activity and body composition in 4 groups of chronically ill children. The diseases that are included in this study are; Pompe's disease, Fontan circulation, Broncho Pulmonary Dysplasia, and Inflammatory bowel disease. After the first measurements, all children will participate in a tailored exercise program. This program will last for 12 weeks. After 12 weeks all measurements will be repeated to measure the effects of the training.

Study objective

Training in children with a chronic illness will increase physical functioning, physical activity levels and quality of life.

Study design

0 weeks, 12 weeks, 24 weeks.

Intervention

12 week during training program

Contacts

Public

Erasmus MC
Linda Scheffers

0640829194

Scientific

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Linda Scheffers

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Eligibility criteria

Inclusion criteria

- > 6 years old and < 18 years old
- diagnosed with; Pompe's disease, a Fontan circulation, Broncho Pulmonary Dysplasia or Inflammatory bowel disease.

Exclusion criteria

exercise restrictions

Study design

Design

Study type:	Interventional
Intervention model:	Crossover
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	26-11-2019
Enrollment:	72
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion

Date: 31-07-2019

Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 49222

Bron: ToetsingOnline

Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL8181
CCMO	NL70912.078.19
OMON	NL-OMON49222

Study results