

The reference values of joint mobility of children 4-18 years

Published: 29-08-2006

Last updated: 14-05-2024

Reference values of joint mobility of children in the age 4-18 years.

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Other condition
Study type	Observational non invasive

Summary

ID

NL-OMON29783

Source

ToetsingOnline

Brief title

Joint mobility of children

Condition

- Other condition

Synonym

joint mobility, range of movement

Health condition

geen aandoening: normaalwaarden van gewrichtsmobiliteit

Research involving

Human

Sponsors and support

Primary sponsor: Avans +, master specialized physical therapy

Source(s) of monetary or material Support: het onderzoek wordt uitgevoerd door kinderfysiotherapeuten werkzaam in de eerste en tweede lijn. De kosten van het onderzoek

worden door de projectleider en de individuele onderzoeker gedragen.

Intervention

Keyword: children, joint mobility, reference values

Outcome measures

Primary outcome

joint mobility

Secondary outcome

Secondary parameters are:

Age, gender, length, bodyweight, hypermobility, functional difficulties, gross and fine motor skills, intensity in sport, preferred hand

Study description

Background summary

The motivation to execute this study design lies in the fact that there is no valid instrument to diagnose joint hypermobility at child age. In fact we don't know what the normal range of joint movement is. Reference values of joint mobility for children doesn't exist.

It is widely known that children have more joint mobility than grown ups. But at what age do they lose these abilities?

Is it true that joint mobility at child age is related with gender and age? Is perhaps hypermobility a normal symptom within the life of a young child?

Study objective

Reference values of joint mobility of children in the age 4-18 years.

Study design

The study design is an observational non invasive study.

Study burden and risks

Participating in the study is without risks. The intensity of the tests taken,

comparing with normal daily life, is a minimal burden. The time investment varies from 20-60 minutes, which is in view of the intensity of the test acceptable. The young child will experience the test as an enjoyable play. The older child will be able in view of his age to participate in the study during this amount of time

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adolescents (12-15 years)

Adolescents (16-17 years)

Children (2-11 years)

Inclusion criteria

children 4-18 years

normal school education

good health

Exclusion criteria

children who participate in a special learning environment
children who suffer any kind of heart, lung, neurologic, rheumatic, metabolic or soft tissue disease
children with musculo-skeletal problems

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Other

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 01-10-2006

Enrollment: 1500

Type: Actual

Ethics review

Approved WMO

Date: 29-08-2006

Application type: First submission

Review commission: IRB Amsterdam: Independent Review Board Amsterdam (Amsterdam)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

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

No registrations found.

In other registers

Register	ID
CCMO	NL11694.003.06