

# The test-retest reproducibility, predictive value and the construct validity of the PHODA-youth

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The aim of this study is to investigate psychometric properties (the test-retest reliability, construct validity) of the PHODA-youth in adolescents with chronic musculoskeletal pain.

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruiting
<b>Health condition type</b>	Other condition
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON34912

### Source

ToetsingOnline

### Brief title

Psychometric properties of the PHODA-youth

### Condition

- Other condition
- Musculoskeletal and connective tissue disorders NEC

### Synonym

chronic musculoskeletal pain, non-specific chronic pain

### Health condition

chronische a-specifieke pijnklachten

### Research involving

Human

## Sponsors and support

**Primary sponsor:** Universiteit Maastricht

**Source(s) of monetary or material Support:** Ministerie van OC&W

## Intervention

**Keyword:** Fear of pain, PHODA-youth, Reliability, Validity

## Outcome measures

### Primary outcome

To study test-retest reliability of the PHODA-youth patients will be asked to fill in an electronic version of the PHODA-youth twice: at entry and two weeks later. Secondly, to study the construct-validity of the PHODA-youth, patients will be asked to complete an additional questionnaire including criterion variables (anxiety sensitivity, pain catastrophizing, pain intensity, depression, disability) during their first assessment. Based on the current study, the following psychometric properties of the PHODA-youth: internal consistency, test-retest reliability and construct validity will be determined.

### Secondary outcome

not applicable

## Study description

### Background summary

Cognitive-behavioral models of chronic low back pain (CLBP) predict that dysfunctional assumptions about the harmfulness of activities may maintain pain-related fear and disability levels. To assess perceived harmfulness in children and adolescents the PHODA-youth has recently been developed based on information out of earlier elements of the current study (NL27921.068.09). Information on

the methodological quality of the PHODA-youth is currently lacking.

### **Study objective**

The aim of this study is to investigate psychometric properties (the test-retest reliability, construct validity) of the PHODA-youth in adolescents with chronic musculoskeletal pain.

### **Study design**

Test-retest design.

### **Study burden and risks**

As there are no invasive interventions, nor any untested experimental measurements used, no significant additional risk to the assessment of therapy of the patients is anticipated.

## **Contacts**

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## **Trial sites**

### **Listed location countries**

Netherlands

## Eligibility criteria

### Age

Adolescents (12-15 years)

Adolescents (16-17 years)

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

1. Adolescents aged 13 to 21 years.
2. Musculoskeletal pain with duration over 3 months.
3. No specific somatic (rheumatoid, neurological and orthopaedic) disorder could be diagnosed as the cause of the current pain problem.

### Exclusion criteria

1. A specific somatic disorder is diagnosed as the cause of the current pain problem.
2. Participation in a rehabilitation program.

## Study design

### Design

**Study type:** Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

### Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated): 01-05-2010

Enrollment: 113

Type: Actual

## Ethics review

Approved WMO

Date: 31-03-2010

Application type: First submission

Review commission: METC academisch ziekenhuis Maastricht/Universiteit Maastricht, METC azM/UM (Maastricht)

## 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	NL31292.068.10