

The effect of physical therapists use of low back pain related placebo or nocebo communication on anxiety and illness perception in healthy participants.

No registrations found.

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

Summary

ID

NL-OMON21160

Source

NTR

Brief title

Placebo communication in Physical Therapy

Health condition

none

Sponsors and support

Primary sponsor: none

Source(s) of monetary or material Support: none

Intervention

Outcome measures

Primary outcome

Anxiety (State Trait Anxiety Inventory: STAI)

Secondary outcome

Illness Beliefs (Illness Beliefs Questionnaire)

Study description

Background summary

Rationale: Proper verbal communication turns out to be a prerequisite of a good therapeutic relationship and a way to influence placebo- and nocebo effects. The effects of communication on therapeutic outcomes is an extremely important but underexplored dimension of the patient-therapist relationship. The aim of this study is to determine the effect of a placebo- or nocebo content educational low back pain (LBP) video on the experienced anxiety and illness perception of healthy students.

Objective: The primary aim of this study is to determine the effect of physical therapists use of low back pain (LBP) related placebo or nocebo communication on anxiety about the symptoms, anxiety in general and illness perception in healthy students. Secondary aim is to describe the working alliance of the physical therapist assessed by the patient after watching an educational video on LBP.

Study design: Experimental web-based randomized controlled trial. Participants will be randomly allocated to a short placebo or nocebo communication. Cross sectional 1 point assessment of Anxiety and Illness beliefs.

Study population: 100 students of Hogeschool van Arnhem en Nijmegen (HAN) University of Applied Sciences and University Utrecht without musculoskeletal pain in the last three months.

Intervention: The positive intervention group will be shown an educational LBP video containing placebo enhancing verbal language whereas, the negative intervention group will be shown an educational LBP video containing nocebo stimulating verbal language.

Primary study parameters: The primary study parameters are differences in anxiety and illness perception between the positive intervention group and the negative intervention group. Anxiety and illness perception will be measured only once, directly after the intervention with the Dutch versions of the State-Trait Anxiety Inventory (STAI-DY) and Illness Perception Questionnaire (IPQ-K), respectively.

Study objective

Healthy students watching an educational session using nocebo communication on Low Back Pain will show higher levels of anxiety and dysfunctional illness perception compared to students watching a session with placebo communication..

Study design

1. cross sectional. Cross sectional means that there is only 1 assessment. In this case, only

one online assessment directly following the online presentation of the short communication. As this one point in time two measurements will be assessed (see above): STAI to measure Anxiety, and IBQ to measure Illness bBeliefs Questionnaire.

Intervention

Short, filmes education session on LBP

Contacts

Public

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Scientific

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Eligibility criteria

Inclusion criteria

- Health students ≥ 18 years old;
- Mastery of the Dutch language;
- Possessing a smartphone or computer with access to the internet;
- All participants signed informed consent.

Exclusion criteria

- Current musculoskeletal pain
- Musculoskeletal pain within the last three months

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	15-04-2021
Enrollment:	175
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion	
Date:	15-03-2021
Application type:	First submission

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

NTR-new

Other

ID

NL9370

ECO HAN : ECO 245.03/21

Study results