

Validation of a new instrument to assess clinical reasoning in physiotherapists

Submission date 29/12/2015	Recruitment status No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 08/01/2016	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 21/02/2017	Condition category Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Background and study aims

Understanding a patient's problems and being able to find the most appropriate course of treatment (clinical reasoning) is a vital part of health care. However, currently there is no way to effectively measure how well a healthcare professional is able to do this. The aim of this study is to develop a questionnaire which measures clinicians' clinical reasoning behaviours during their daily practice.

Who can participate?

Physiotherapists who work in a clinical setting for more than five hours per week.

What does the study involve?

Participants complete a questionnaire showing their agreement or disagreement with a list of statements related to their clinical reasoning behaviours during their daily practice.

What are the possible benefits and risks of participating?

There are no benefits and risks for participants.

Where is the study run from?

School of Nursing and Physiotherapy of the University of Salamanca (Spain)

When is the study starting and how long is it expected to run for?

January 2016 to March 2016

Who is funding the study?

University of Salamanca (Spain)

Who is the main contact?

1. Dr Ana María Martín Nogueras (scientific)
2. Mr Pablo Cesar Garcia Sanchez (public)

Contact information

Type(s)

Scientific

Contact name

Dr Ana María Martín Nogueras

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Type(s)

Public

Contact name

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Leganes

Spain

28919

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

Study information

Scientific Title

Validity of the Clinical Reasoning Scale (CRS): assessing clinical reasoning behaviours in physiotherapists

Study objectives

The aim of this study is to develop a questionnaire which measures clinicians' clinical reasoning behaviours and its dimensions during their practice

Ethics approval required

Old ethics approval format

Ethics approval(s)

Bioethics Committee of Salamanca University, 24/05/2016

Study design

Observational cross sectional study

Primary study design

Observational

Secondary study design

Cross sectional study

Study setting(s)

Not specified

Study type(s)

Not Specified

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Clinical Reasoning in physiotherapists

Interventions

Participants will complete a questionnaire showing their agreement or disagreement with a list of statements related to their clinical reasoning behaviours during their daily practice. Those items were generated and built during the development phase of the questionnaire design and assessed by experts in the field to evaluate content and face validity, and by physiotherapists to establish the feasibility of the tool.

Intervention Type

Other

Primary outcome measure

Final selection of items in the questionnaire

Secondary outcome measures

Accurate aggrupation of items under the selected subscales:

1. Cognitive Reasoning vs. Interactive Reasoning
2. Diagnostic Reasoning vs. Managment/Treatment Reasoning

Overall study start date

01/01/2016

Completion date

01/08/2017

Eligibility

Key inclusion criteria

Physiotherapists working in a clinical setting.

Participant type(s)

Health professional

Age group

Adult

Sex

Both

Target number of participants

Planned Sample Size: 100 Description: As this is a feasibility and validity study, a formal power analysis for the sample size will not be undertaken, as the study is not designed to test a specific null hypothesis

Key exclusion criteria

1. Less than 5 hours/week Clinical Work
2. Not doing one of the following duties in their job:
 - 2.1. Subjective examination
 - 2.2. Objective examination
 - 2.3. Management/treatment

Date of first enrolment

01/03/2017

Date of final enrolment

30/04/2017

Locations

Countries of recruitment

Spain

Study participating centre

Escuela Universitaria de Enfermería y Fisioterapia de la Universidad de Salamanca

C/ Donantes de Sangre, s/n

Salamanca

Spain

37007

Sponsor information

Organisation

University of Salamanca (Universidad de Salamanca) (Spain)

Sponsor details

Escuela Universitaria de Enfermería y Fisioterapia
Avda. Donantes de sangre s/n
Salamanca
Spain
37007

Sponsor type

University/education

Website

<http://enfermeriayfisioterapia.usal.es/>

ROR

<https://ror.org/02f40zc51>

Funder(s)**Funder type**

University/education

Funder Name

University of Salamanca (Universidad de Salamanca) (Spain)

Results and Publications**Publication and dissemination plan**

The results of this trial will be disseminated in a research journal.

Intention to publish date

01/12/2016

Individual participant data (IPD) sharing plan**IPD sharing plan summary**

Available on request