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Validation of a new instrument to assess clinical reasoning in physiotherapists

Submission date 29/12/2015	**Recruitment status** No longer recruiting	[X] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 08/01/2016	**Overall study status** Completed	
Last Edited 21/02/2017	**Condition category** Other	

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
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Public

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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

Primary study design
Observational

Study design

Observational cross sectional study

Study type(s)
Not Specified

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(s)
Final selection of items in the questionnaire

Key secondary outcome(s)
Accurate aggrupation of items under the selected subscales:
1. Cognitive Reasoning vs. Interactive Reasoning
2. Diagnostic Reasoning vs. Managment/Treatment Reasoning

Completion date
01/08/2017

Eligibility

Key inclusion criteria
Physiotherapists working in a clinical setting.

Participant type(s)
Health professional

Healthy volunteers allowed
No

Age group
Adult

Sex
All

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
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Sponsor information

Organisation
University of Salamanca (Universidad de Salamanca) (Spain)

ROR
https://ror.org/02f40zc51

Funder(s)

Funder type
University/education

Funder Name
University of Salamanca (Universidad de Salamanca) (Spain)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Available on request