

Inter-examiner reliability of diagnostic criteria

Submission date 09/07/2013	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 18/07/2013	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 29/05/2020	Condition category Musculoskeletal Diseases	☐ Individual participant data

Plain English summary of protocol

Background and study aims

Different types of low back pain (e.g. sacroiliac, discogenic and facet joint pain) have been identified. Treatment has become more effective due to the availability of specific treatments. Several diagnostic tests have been developed, but little is known about whether different doctors use the same diagnostic tests. This study aims to find out the inter-examiner reliability of the different clinical tests used to diagnose patients.

Who can participate?

Patients aged 18 or over with signs and symptoms of low back pain.

What does the study involve?

A physical examination of patients is done independently by two experienced pain specialists and one experienced surgeon. The list of tests prescribed by the three doctors are then compared and the tests are judged based on their presence in the list.

What are the possible benefits and risks of participating?

Improving diagnostic tests for identifying subtypes of low back pain increases the possibility for better treatment. We expect that this will improve overall success in treatment. No major risks are involved in this study.

Where is the study run from?

This study is run from Lievensberg Hospital, Bergen op Zoom, The Netherlands.

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

The study started in January 2013 and is expected to run for two years.

Who is funding the study?

This study is funded by the Centre for Pain Medicine, Erasmus University MC, Rotterdam, The Netherlands.

Who is the main contact?

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Contact information

Type(s)

Scientific

Contact name

Dr Cornelis Wilhelmus Jacobus van Tilburg

Contact details

Multidisciplinary pain centre
Lievensberg hospital
Boerhaaveplein 1
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Netherlands
4624 VT

Additional identifiers

Protocol serial number

NL36822.078.11

Study information

Scientific Title

Inter-examiner reliability of diagnostic criteria for diagnosing sacroiliac joint - discogenic and facet joint pain

Study objectives

Investigate the inter-examiner reliability of diagnostic tests in diagnosing sacroiliac joint - discogenic and facet joint pain. Our study aims to assess the reliability between examiners (pain specialists and orthopedic surgeons are involved) of the clinical tests used to select the patients in these studies.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval has been granted by the Medical Ethics Committee (Medisch Ethische Toetsings Commissie) (METC) Erasmus MC, Rotterdam, The Netherlands on 14th November, 2012, reference number MEC-2011-246.

Primary study design

Observational

Study design

Observational study

Study type(s)

Diagnostic

Health condition(s) or problem(s) studied

Chronic low back pain

Interventions

Patients will receive three separate consultations from two anaesthesiologist-pain specialists and one orthopaedic surgeon, during which every item from the list with diagnostic criteria are judged on their presence or absence.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

The results of the diagnostic tests by two pain specialists and one orthopaedic surgeon.

Key secondary outcome(s)

Not provided at time of registration

Completion date

10/01/2015

Eligibility**Key inclusion criteria**

1. Age 18 years or older
2. Chronic low back pain lasting for more than 3 months

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

All

Total final enrolment

100

Key exclusion criteria

Presence of red flags as possible fracture, tumor or infection

Date of first enrolment

10/01/2013

Date of final enrolment

10/01/2015

Locations

Countries of recruitment

Netherlands

Study participating centre**Multidisciplinary pain centre**

Bergen op Zoom

Netherlands

4624 VT

Sponsor information

Organisation

Erasmus University Medical Centre (MC) (Netherlands)

ROR

<https://ror.org/018906e22>

Funder(s)

Funder type

University/education

Funder Name

Centre for Pain Medicine, Erasmus University MC, Rotterdam, Netherlands.

Results and Publications

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

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	28/05/2018	29/05/2020	Yes	No