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Diagnostic accuracy of recently proposed criteria for inflammatory back pain (IBP) in suspected ankylosing spondylitis (AS) and early axial spondyloarthritis (axial SpA)

Submission date
11/07/2008

Registration date
19/08/2008

Last Edited
19/08/2008

Recruitment status
No longer recruiting

Overall study status
Completed

Condition category
Musculoskeletal Diseases

[X] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[_] Results
[_] Individual participant data
[_] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N/A

Study information

Scientific Title

Acronym
DIVERS

Study objectives
Sensitivity of at least 70% and specificity of at least 70% for the previously proposed criteria for inflammatory back pain (IBP).

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics approval received from the Ethics Committee of Charité - University Medicine Berlin on the 8th July 2008 (ref: EA4/058/08).

Study design
Observational diagnostic accuracy study

Primary study design
Observational

Study type(s)
Diagnostic

Health condition(s) or problem(s) studied
Ankylosing spondylitis (AS), early axial spondyloarthritis (axial SpA)

Interventions
Experimental group (no medical intervention):
The diagnostic accuracy of IBP will be investigated in four private practices and two hospitals by assessing IBP by an independent and blinded observer (rheumatologist in each setting) in patients with undiagnosed chronic back pain who are referred because of suspected SpA.

IBP will also be assessed by primary care physicians or orthopaedists in patients with chronic back pain of unclear origin, and also self-assessed by the patient prior to referral to the Rheumatology Department at Charité CBF for further work-up.

The total duration of the trial is two years. There is no follow-up.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Sensitivity, specificity and positive likelihood-ratio (LR+) if two out of four parameters of IBP are present.

Key secondary outcome(s))

Sensitivity, specificity and positive likelihood-ratio (LR+) if three or four out of four parameters of IBP are present.

Completion date
01/08/2010

Eligibility

Key inclusion criteria
Patients (aged greater tha 18 years, either sex) with chronic back pain (greater than 3 months) of unknown origin:
1. Referred to the rheumatologist because of suspected AS/axial SpA
2. Seen by primary care physicians/orthopaedists, who agree to subsequently be referred to the rheumatologists

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria
Patients with a definite diagnosis (cause) related to their back pain.

Date of first enrolment
01/09/2008

Date of final enrolment
01/08/2010

Locations

Countries of recruitment
Germany

Study participating centre

Hindenburgdamm 30
Berlin
Germany
12200

Sponsor information

Organisation
Charite - University Medicine Berlin (Charite - Universitatsmedizin Berlin) (Germany)

ROR
https://ror.org/001w7jn25

Funder(s)

Funder type
Research council

Funder Name
German Research Council (Deutsche Forschungsgemeinschaft [DFG]) (Germany)

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes