

Back Complaints in Elders in Chiropractic Care: An International Cohort Study

No registrations found.

Ethical review	Not applicable
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON23676

Source

NTR

Brief title

BACE-C

Health condition

Low back pain

Sponsors and support

Primary sponsor: European Centre for Chiropractic Research Excellence, Nederlandse Chiropractie Associatie

Source(s) of monetary or material Support: European Centre for Chiropractic Research Excellence, Nederlandse Chiropractie Associatie

Intervention

Outcome measures

Primary outcome

This ambitious pan European project would provide the necessary data to fill the gap in knowledge on older people with low-back pain and improve standards of chiropractic care for this patient population.

1. Examine the duration, severity, and clinical course of low-back pain in older people who visit a chiropractor for a new episode of low-back pain;
2. Identify prognostic factors which may influence this course;
3. Determine effects (e.g. functional disability, quality of life) as well as associated costs and safety of care in older people visiting the chiropractor for low-back pain.

Secondary outcome

Identify barriers and facilitators which can influence access to chiropractic care.

Study description

Background summary

Background. Low-back pain is the most important non-fatal disease in Europe and is associated with increasing healthcare costs. These costs are likely to become greater as the population becomes older. Low-back pain, particularly in older people, results in reduced quality of life, reduced social participation and increased isolation, as well as being associated with comorbidities. One conservative treatment for the treatment of low-back pain which is safe and effective is spinal manipulative therapy. In contrast to their younger counterparts, relatively little investigation has been conducted amongst older people with low-back pain in a chiropractic setting. **Aim.** This study would provide the necessary knowledge to improve our understanding for this patient population in order to provide safer and more effective care.

Study design and population. A prospective, multi-center practice-based cohort study will be used to collect data from older patients (>55 years of age) with low-back pain who visit a chiropractor with a new episode of low-back pain. Participants are to be recruited from the private practices of chiropractors in The Netherlands, Sweden, and the UK. Treatment will be left to the discretion of the chiropractor. The goal is to recruit at least 1,000 subjects.

Outcome measures. The following primary outcomes are to be measured using self-report, validated questionnaires: 1) pain intensity (11-point VAS), 2) low-back pain-specific functional status (Oswestry Disability Index), 3) self-perceived recovery (7-point Likert scale), and 4) EQ5D-5L. Follow-up is to be conducted at the end of the second visit, and at 6 weeks and at 3, 6, 9 and 12 months. **Implications of this project.** This project is modelled after the BACE study (BACk Complaints in Elders), which is currently being conducted in primary care in The Netherlands, Australia and Brazil. BACE is supported by an international consortium consisting of world-leaders in research of low-back pain. Aligning ourselves with this consortium represents a unique chance for chiropractic.

Study objective

observational metrics

Study design

Patient inclusion May 2018 - May 2020, Analysis and paper submission Jan 2020 -July 2021

Intervention

chiropractic care

Contacts

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Eligibility criteria

Inclusion criteria

Patients aged >55 years will be included when they consult a chiropractor for a new episode of low-back pain. All low-back complaints will be included, defined here as pain extending from the thoracolumbar junction to the first sacral vertebra and extending to the pelvis. An episode is considered new if the patient has not visited a chiropractor during the preceding six months for the same back complaint.

Exclusion criteria

Subjects who are unable to complete the web-based questionnaires because of language restrictions or computer literacy restrictions will be excluded as well as those with cognitive disorders. In addition, those with a suspected tumor, fracture, infection or any other potential red flag or condition considered to be a contraindication for spinal manipulative therapy will be excluded.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-05-2018
Enrollment:	1000
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Yes

Plan description

To include it in publications

Ethics review

Not applicable	
Application type:	Not applicable

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 ID

NTR-new NL7507

Other European Centre for Chiropractic Research Excellence, Nederlandse Chiropractie
Associatie : METC2017618

Study results

Summary results

None Yet