

Primary care Osteoarthritis Screening Trial (POST): a cluster randomised trial of an electronic prompt for comorbidity screening in clinical osteoarthritis consultations in primary care

Submission date 21/06/2011	Recruitment status No longer recruiting	☒ Prospectively registered
		☐ Protocol
Registration date 21/06/2011	Overall study status Completed	☐ Statistical analysis plan
		☒ Results
Last Edited 23/07/2019	Condition category Musculoskeletal Diseases	☐ Individual participant data

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
10334

Study information

Scientific Title

Primary care Osteoarthritis Screening Trial (POST): a cluster randomised trial of an electronic prompt for comorbidity screening in clinical osteoarthritis consultations in primary care

Acronym

POST

Study objectives

POST is a cluster randomised clinical trial that will compare pain intensity and interference outcomes over a 12-month period in osteoarthritis (OA)/joint pain patients screened for depression and anxiety (intervention arm) to those who receive usual care (control arm; screened only for pain intensity).

As a cluster randomised trial the GP practices will be randomised (to one of the 2 arms) rather than the patients. We aim to recruit 44 GP practices in total in order to screen and contact 1745 patients. Recruitment of patients from GP practices will take place over 12 months. It is anticipated that patients will be contacted within 1-2 weeks of their index consultation with a baseline questionnaire and those who consent will be followed-up with further postal questionnaires 3, 6 and 12 months following their baseline. These questionnaires contain detailed questions on pain intensity and interference (our primary outcomes) and further questions on anxiety, depression, pain catastrophising, health economics and demographics. A medical record review of treatments, diagnoses and referrals will be conducted for patients who consent

Ethics approval required

Old ethics approval format

Ethics approval(s)

11/WM/0093; First MREC approval date 04/04/2011

Primary study design

Interventional

Study design

Randomised; Interventional; Design type: Screening

Study type(s)

Screening

Health condition(s) or problem(s) studied

Osteoarthritis

Interventions

Generalised Anxiety Disorder-2 (GAD-2)

1. Eligible patients in the intervention arm consulting their GP for osteoarthritis or joint pain will be asked these 4 questions on depressive and anxiety symptoms during their consultation:

1.1. Modified Patient Hlth Quest

1.2. Modified Patient Health Questionnaire (PHQ-2)

2. Eligible patients in the intervention arm consulting their GP for osteoarthritis or joint pain will be asked these 4 questions on depressive and anxiety symptoms during their consultation

3. Follow-up length: 12 months

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

1. Self report measure of current pain intensity measured at baseline, 3 months, 6 months and 12 months

Key secondary outcome(s)

1. Anxiety (GAD-7 (5)) at baseline, 3 months, 6 months and 12 months
2. Body mass index (from self reported height and weight) at baseline, 3 months, 6 months and 12 months
3. Characteristic Pain Intensity and Disability Score at baseline, 3 months, 6 months and 12 months
4. Demographics (marital status and occupation/employment details) at baseline, 3 months, 6 months and 12 months
5. Depression (PHQ-8 (4)) at baseline, 3 months, 6 months and 12 months
6. Detailed questions about pain at baseline, 3 months, 6 months and 12 months
7. Medication and health care use at baseline, 3 months, 6 months and 12 months
8. Overall quality of life (EQ5D (2) and SF-36 (3)) at baseline, 3 months, 6 months and 12 months
9. Pain Catastrophising Scale (6) at baseline, 3 months, 6 months and 12 months
10. Pain interference with daily activities at baseline, 3 months, 6 months and 12 months
11. Social support (questions taken from previous postal surveys) at baseline, 3 months, 6 months and 12 months

Completion date

30/09/2012

Eligibility**Key inclusion criteria**

1. Aged 45 years and over
2. Registered with the participating GP practices during the specified study period of that practice
3. Read-coded peripheral joint pain or OA consultation within the specified study period (termed the index consultation)
4. May be first, new episode, or ongoing consultation)
5. Provided full written informed consent to study participation and to further contact
6. Male & female

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Patients who are under active care for or who have a diagnosis of depression and/or an anxiety disorder in the past 12 months
2. Vulnerable patients, including any patients on the Quality and Outcomes Framework mental health register, or those who have a diagnosis of dementia or a terminal illness
3. Patients who reside in a nursing home
4. Red flag pathology
5. Recent trauma associated with significant injury
6. Acute, red, hot swollen joint
7. Inflammatory arthropathy, crystal disease, spondyloarthropathy and polymyalgia rheumatic

Date of first enrolment

29/07/2011

Date of final enrolment

30/09/2012

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Keele University

Newcastle under Lyme

United Kingdom

ST5 5BG

Sponsor information**Organisation**

Keele University

ROR

<https://ror.org/00340yn33>

Funder(s)

Funder type

Government

Funder Name

National Institute for Health Research, ref: RP-PG-0407-10386 (United Kingdom)

Alternative Name(s)

National Institute for Health Research, NIHR Research, NIHRresearch, NIHR - National Institute for Health Research, NIHR (The National Institute for Health and Care Research), NIHR

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

United Kingdom

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	11/04/2017		Yes	No
Results article	results	01/07/2018		Yes	No
Other publications	cost-utility analysis	01/12/2018	23/07/2019	Yes	No