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| **Dataset** | PRELIM Survey (2017) |
| **Project title** | Getting sustainable, person-centred musculoskeletal health intelligence from primary care electronic health record linkage and modelling: the PRELIM initiative |
| **Short title/acronym** | PRELIM |
| **Principal Investigator** | Dr Ross WILKIE |
| **Funding** | Project grant from Arthritis Research UK/Versus Arthritis (21403) |
| **Project start/end date** | 1 January 2017 - 31 December 2019 |
| **Duration** | 36 months |
| **Coapplicants and institutions** | **Keele University:** Dahai YU, Kelvin JORDAN, George PEAT, Joanne PROTHEROE, Clare JINKS, Kate DUNN, Mamas MAMAS, Steven BLACKBURN, Stephen DENT (public co-applicant) |
|  | **University of Oxford:** Andrew JUDGE, Daniel PRIETO-ALHAMBRA, Alan SILMAN |
|  | **University of Southampton:** Karen WALKER-BONE |
| **Primary aims and objectives** | *[Extract from grant application]*  **Vision:** to develop a data capture system, appropriate for the NHS, that can be used to describe the status of musculoskeletal health within the UK, and monitor variation over time and between different geographical and other defined populations.  **Aim:** to assess if the primary care electronic health record supplemented by patient collected outcome data is a feasible and valid approach to achieve this vision  **Specific objectives:**  Within the programme outlined we propose three key areas of “deliverables”:   1. Provide detailed description of musculoskeletal health (including MSK-HQ scores, healthy work life expectancy, disability), key comorbidity (e.g. cardiovascular risk and mental health) and care among consulters and the general population within one geographical area by linking a musculoskeletal-focussed patient survey to local long-standing, high-quality, primary care EHR data using robust epidemiological approaches 2. Generate musculoskeletal health profiles at national and regional levels, based on inputs from the above local data, national primary care EHR data (The Health Improvement Network (THIN) database), and auxiliary variables (e.g. area level deprivation) 3. Compare the provision of surgery with estimates of need, by applying the concept of equity rate ratios previously used for total hip and knee replacement, and to map regional variation in shoulder and back surgical procedures   **Purpose:** to contribute to a system of musculoskeletal health intelligence in the UK population that provides useful, timely, sustainable, trustworthy evidence for policymakers, practitioners, and the public |
| **Study design** | Cross-sectional survey (with linked de-identified medical records for consenting respondents) |
| **Setting** | General population and primary care  11 general practices in North Staffordshire & Stoke-on-Trent |
| **Ethical approval** | Ethical approval was obtained from the North West - Greater Manchester East Research Ethics Committee (Reference: 15/NW/0735) |
| **Contributions** | DY conducted data cleaning and undertook the primary analysis of data. Liz HARTSHORNE provided project management. Charlotte CLEMENTS contributed to survey administration. |
| **Data** | Individual de-identified survey data from **XXXX** respondents aged 35 years and over |
| **Access to data** | The individual de-identified data from the cross-sectional survey are not uploaded onto the Keele Research Data Repository. They are available on request in accordance with Keele’s data sharing policy.  The following meta-data files are freely available through Keele Research Data Repository:   * Study protocol * Participant flow * Data dictionary * Survey instrument * Patient information leaflet |
| **Associated datasets** | PRELIM data are potentially combinable with other similar cross-sectional surveys undertaken by Keele University, notably PRELIM\_Pilot and HILL. |
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