

Participatory Research Fund Project

Core Outcome Measures in Hip Preservation Surgery

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Overview

Non-arthritic hip pain (NAHP) is a leading cause disability in young adults, resulting from femoroacetabular impingement (rubbing caused by the shape of the hip bone(s)), hip dysplasia (a shallow hip socket) and other abnormalities of the hip joint. The outcome of treatment, such as physiotherapy or hip preservation surgery, is measured by several different patient reported outcome measures. However, there is no consistency in the outcome measures used in clinical trials in the UK or internationally. A core outcome set (COS) is therefore required which is a minimum set of outcomes for use in clinical trials to be able to make meaningful comparison.

Aim and Objectives

The aim is to develop a core outcome set for young adults with NAHP for measuring outcomes following intervention for this patient cohort.

Objectives:

- To establish a group of young adults with NAHP to co-develop the research question, recruitment strategy and interview questions.
- To identify outcome measures relevant to young adults experiencing NAHP via interviews with up to fifteen adults with NAHP.
- To gain consensus from the orthopaedic surgeon, sports medicine specialist and physiotherapist for a core outcome set for young adults with NAHP via a modified Delphi survey.

Funding of £9055 is being used for

- £50 remuneration for NAHP participants = £1050
- Focus group and interview transcription = £1968
- Research Fellow support = £6037



Do you want to know more or be involved?

Stakeholders Involved

- Young adults with hip impingement/dysplasia support group
- Young Adult Hip Service, Addenbrooke's Hospital – Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

Patient and Public Involvement and Engagement elements

- i) Design work
 - i) Focus group with adults with NAHP to co-develop the study design
- ii) Co-produced research project
 - i) Interviews with adults with NAHP to identify outcome measures which are relevant
 - ii) Delphi survey with orthopaedic surgeons, sports medicine specialists and physiotherapists to gain consensus for the core outcome set

Research Outcomes

- Engagement between stakeholders with a shared interest
- Research participation
- Co-production of a core outcome set to recommend for use in clinical trials and clinical practice
- Identification of symptoms important for people with NAHP which needs addressing with any intervention. These could be activities of daily living or undertaking some activity
- Development of a COS for use in clinical trials assessing outcome in young people with NAHP.



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