

# Undertaking Clinical Trials in Trauma & Orthopaedics

27<sup>th</sup> - 28<sup>th</sup> June 2016, University of York

BOA Orthopaedic Surgery Research Centre (BOSRC) is running its second meeting for trauma and orthopaedic surgeons interested in getting involved in Randomised Controlled Trials (RCTs) or research grant applications, either as a chief investigator or as a co-applicant.

The programme for this event will focus specifically on issues relevant to RCTs in trauma and orthopaedics, and speakers will draw on relevant examples in this field where possible.

Presenters will include Professor David Torgerson, Director of YTU; Professor Catherine Hewitt, Senior Statistician; Dr Catriona McDaid, Senior Research Fellow; Dr Stephen Brealey, Senior Trial Co-ordinator and Professor Amar Rangan, Consultant Orthopaedic Surgeon who have been involved in several orthopaedic trials.

## What will you get from this event?

- A mixture of lectures and workshop activities
- An understanding of designing clinical trials with a specific focus on efficient study designs.
- An overview of planning, costing and delivery of a trial.
- Planning public involvement in grant applications and trials.
- The opportunity to network with colleagues
- An opportunity to talk to experienced trialists and methodologists and get feedback on your research ideas

## Overview of programme

Day 1 – 27<sup>th</sup> June

### Trial design

Developing a research question, pilot and feasibility studies, randomisation and blinding, efficient study designs and statistics for clinical trials, groundwork for a new trial.

Day 2 – 28<sup>th</sup> June

### Planning and delivering trials

Public involvement, costing a trial, recruitment and retention, managing a trial, dragons' den.

## Booking a place

Registration is £40 for one day and £80 for two days. To get the most from the event we encourage applicants to attend both days. Accommodation will not be provided.

There will be a conference dinner on the evening of 27<sup>th</sup> June at a local restaurant at a cost of £20.

### To book your place visit

<http://tinyurl.com/bosrc2016>

Any queries email [sally.baker@york.ac.uk](mailto:sally.baker@york.ac.uk)

## UNDERTAKING CLINICAL TRIALS IN TRAUMA AND ORTHOPAEDICS 27<sup>th</sup> - 28<sup>th</sup> JUNE 2016, UNIVERSITY OF YORK

<b>DRAFT PROGRAMME</b>		
9.30	Registration and Coffee	
<b>DAY 1: FOCUS ON TRIAL DESIGN</b>		
AM SESSION	<p><b>Developing a Research Question</b></p> <p><b>Ground Work for a New Trial</b></p>	<p><i>Topics:</i> PICO, pragmatic, effectiveness, efficacy, feasibility questions, pilot studies).</p> <p><i>Topics:</i> establishing evidence gap, establishing importance, feasibility.</p>
PM SESSION	<p><b>Overview of Study Designs</b></p> <p><b>Statistics for Clinical Trials</b></p> <p><b>Dragons' Den</b> Presentation and discussion of research ideas</p>	<p><i>Topics:</i> efficient study designs, simple designs, adaptive designs, cluster RCTs.</p> <p><i>Topics:</i> sample size, randomisation, key principles of analysis, developing an analysis plan.</p>
CONFERENCE DINNER		
<b>DAY 2: FOCUS ON PLANNING AND DELIVERING TRIALS</b>		
AM SESSION	<p><b>Public Involvement in Trials</b></p> <p><b>Costing a Trial</b></p> <p><b>Recruitment and Retention</b></p>	<p><i>Topics:</i> approaches to establishing meaningful patient involvement.</p> <p><i>Topics:</i> schedule of events, project plan, research costs, NHS support costs, excess treatment costs.</p> <p><i>Topics:</i> evidence based recruitment and retention.</p>
PM SESSION	<p><b>Managing a Trial</b></p> <p><b>Research Clinic</b></p>	<p><i>Topics:</i> role of chief investigator, trials unit monitoring, Trial Steering Committee, Data Monitoring Committee.</p>
16:30	Close	