KADOORIE CENTRE FOR CRITICAL CARE RESEARCH AND EDUCATION

Oxford Trauma
Research & Development
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OUR RESEARCH THEMES

- Effectiveness of treatments
- Rehabilitation
- Patient / Staff experience

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New Publications

We are delighted to announce the publication of two large studies that were hard work but very successful. A big thank you to all the patients who stuck with us to the end through all the follow ups.

The first one is Professor Matt Costa’s WOLLF study exploring a suction dressing or standard dressing on open wounds. The findings show there was nothing to suggest that the suction dressing was better than the standard dressing at 12 months. The full HTA study report and the paper in JAMA are published online.

https://www.journalslibrary.nihr.ac.uk/hta/hta22730/#/abstract

The second one is Professor Sallie Lamb’s SPRAINED study exploring factors that predict recovery from ankle sprain such as pain, function and confidence in the ankle. The findings suggest that these indicators could be useful in guiding clinical practice. The full HTA report and paper in BMJOpen are published online.

https://bmjopen.bmj.com/content/8/11/e022802?rss=1

Congratulations to our lead research nurse Kathryn Lewis who has co-authored a chapter about caring for patients with musculoskeletal conditions in Elcock, K. et al. (2018) Essentials of Nursing Adults.
Trauma Study Day

The 7th Orthopaedic Trauma Society NIHR Musculoskeletal Trauma Trials annual meeting was held on the 9th January 2019 at St Georges Park, Burton on Trent. A big thank you to Lauren Exell and Laura Arnel (below) for organising another successful event. The more flexible programme with time for discussion over lunch and coffee was much appreciated.

Many wonderful achievements were celebrated and the following pictures are teams that were at the meeting and didn’t mind being in a photo. A big thank you to everyone else for all their contributions over the year. Everyone’s hard work and success is evident in the range of study findings now available and new studies coming online.

Bristol Southmead Hospital staff were congratulated on their speed in returning data queries. Pictured above are Steven Barnfield, Fionnuala Palmer, Paula Brock and Josie Morely.

The staff at Kings College Hospital were top recruiters again, Kerim and the team have achieved this award for several years. Pictured below are Ines Reichert, Joyce Kadunyi and Kerim Gokturk.

Coventry Hospital staff were also joint top recruiters. Pictured below are Kerri McGowan, Jayne Ward and Joanna Teuke.

Oxford were noted for their excellent data completion skills. Pictured are Maria Mestre, Martin Austin and Kathryn Lewis.

They have worked really hard recently on a range of patient and public involvement activities. A notable achievement this year is the James Lind Alliance priority setting partnership for lower limb and pelvis. A link to the published paper is below.

http://bmjopen.bmj.com/cgi/content/full/bmjopen-2018-023301

Pelvic Injuries

**TULIP**

This is a Bristol based feasibility trial examining the use of surgical versus non-surgical treatment of lateral compression injuries of the pelvis, this is when the pelvis breaks from the side and the back. Eligible patients will be aged 16 years or older. Potential participants will be included if they have a high energy transfer injury such as a fall from a wall or a road traffic accident.

The aim of the trial is to assess the feasibility of surgical versus non-surgical management of this injury, which will help us plan for a full trial. The aim is to recruit 60 participants nationally, Oxford will be a site for this trial.

**Contact Maria Mestre**
Shoulder Surgery

ProFHER-2
This is a randomised controlled trial assessing two surgical treatments or a conservative treatment in older adults with a fracture at the top of their arm (proximal humerus). Treatment for this fracture requires specialist skills. Potential participants are aged 65 and over and have the capacity to consent. Patients with a dislocated fracture (pulled out of joint) will need a surgical intervention.

Other patients could have surgery or conservative treatment. The primary outcome for this trial is the Oxford Shoulder Score (assessing pain and function) at 24 months. This is a rare condition so we will aim to recruit one participant every two months. An example of the two surgical interventions are shown in the Xrays. The first is a Reserve Shoulder Arthroplasty and the second a Hemiarthroplasty.

Contact: Maria Mestre

Spinal Injury

SCI-POEM is our first European study with patients who have a traumatic spinal column injury where the spinal cord has been affected. This has now finished recruitment.

It is an observational study to assess the outcomes for early (less than 12 hours since injury) or later surgical treatment.

Patients were assessed pre surgery and then regularly up to one year post surgery using the ASIA Score. This is to assess sensation, muscle function, movement and power to look for changes over time.

This has been a challenging study due to the massive impact of injury on patients and their families. We really appreciate their support for this study. We worked closely with Stoke Mandeville Rehabilitation Unit and a big thank you to Sue Cross. The sponsor is Norfolk and Norwich University Hospital NHS Trust and the Principal Investigator is Dr Jeremy Reynolds.

Contact: Kathryn Lewis

Study Updates

Congratulations to UKSTAR, recruitment has finished and a 93% follow up rate was achieved at 9 months, a real success.

AFTER: Assessing intensive physiotherapy versus self management advice after ankle fracture. This study is recruiting well at 5 sites.

WHITE studies: all these studies are recruiting well. Note Nick Parson’s paper highlighted in selected publications.

CO-OLLF: This study is working towards obtaining a consensus for outcome for open fracture of the lower limb. The first stage of the Delphi is completed and the second stage will be coming soon. Thank you to all the participants for all these studies.

SCIENCE: This study is getting ready to start. It considers surgical or non surgical treatment for a broken elbow in children. It has a really cool cartoon video that explains the study.

Research Nurses: Thank you to Zoey Warnock for all her hard work over the last year.

Forthcoming Meetings

Injuries and Emergencies Speciality Group (IESG) Thames Valley and South Midlands Clinical Research Network (TVCRN) Chair: Andrew McAndrew, 29th March at Stoke Mandeville Hospital, Aylesbury, 1pm lunch 1.30-

3.00pm meeting.

Trauma Orthopaedic Research Collaboration (TORC) National multidisciplinary meeting, Chair: Tim Chesser, 15th May, Wolfson College, Oxford, 12.30-4pm, Lead Research Nurse Forum

21st March, 14.00 The Nuffield Orthopaedic Centre.

Fragility Fracture Network (FNN) i)UK hip fracture meeting 8th May, Wolfson College ii) Conference, Oxford, 28-30th August. Contact: oxfordtrauma@ndorms.ox.ac.uk
“Don’t shoot the messengers…..”: The new NICE guidance for the prevention of venous thromboembolism in adults – fake news or a real opportunity?

Bone Joint J 2018;100-B:1136–7.


https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6114254/


https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5805834/


https://bmjopen.bmj.com/content/8/4/e020632.info