A service evaluation of Kirschner wire fixation of hand fractures

Dear <First name> <Surname>

Thank you for supporting the WIRE Service Evaluation (WIRE SE), welcome on board!

This document will help you get started. It has key information on:

- Registering the service evaluation with your local NHS Trust
- Accessing the study database (REDCap)
- Collecting data
- Recognition of contribution and authorship

Have a query? Don't hesitate to get in touch with the WIRE team at wiretrial@gmail.com

Kind regards

The WIRE Service Evaluation Steering Group

Getting started

Get permission

Speak to your departmental Clinical Lead and the consultant body to gain permission to start this study. You might be asked to present the study to the Department. There is a presentation you can use in in the download section of the WIRE page on the RSTN website.

Recruit a team

We suggest a maximum of 3 collaborators are recruited per hospital (depending on the volume of cases managed at each unit) in order to share the duties of data collection. These can be medical students, junior doctors or allied health care professionals involved in caring for patients with hand fractures.

Register the study

This is a service evaluation, not an audit, but it will still need to be registered with your audit department in most instances. A sample form is included in this document.

Once you have sent us a copy of your form and confirmation of registration or response from the Audit Department, we will send you login details for REDCap.

Enter data in REDCap

The study is using REDCap for data entry. You will receive login details once the study is registered with your local NHS Trust.

REDCap collects no patient identifiable information. You will need to maintain a local record of the patient hospital number and unique REDCap ID. This should be securely held in the hospital. Keeping this record up to date will facilitate you contemporaneously entering data for a given patient at progressive timepoints during their care. An example printable spreadsheet and a PDF of the database fields are both in the download section of the WIRE page.

Collaborator status

To be recognised as a collaborator you need to complete the following:

- Work as a team to register the study
- Record consecutive patients during the study period
- Collect and upload data (including follow-up data) for a minimum of 10 patients (this requirement will be **per collaborator**)
- Upload a data set that is at least 95% complete
- Answer any data queries

Recognition as a collaborator

Collaborators will receive a:

- Collaborator certificate outlining their contribution to the WIRE SE
- Collaborator acknowledgement on any presentations relating to the WIRE SE
- Local data set for presentation
- PubMed citation on any subsequent publications relating to the WIRE SE. For example, see the the WIRE Survey paper: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5977964/

Those not meeting the requirements of a collaborator will receive a certificate of involvement and acknowledgement in any subsequent paper. They will not be PubMed cited. Chief Investigator decisions on collaborator status are final.

Example registration with audit department

Clinical Audit Project Proposal Form (to be used for registering Clinical Audits)			
The completed form must be sent to the relevant Directorate Clinical Audit Lead for approval prior to submission. **Items Marked ✶ MUST be completed**			
✶**SOURCE of the clinical audit project** (Please put an **X** next to the most relevant reason for the audit)	National Clinical Audit (Mandatory and Non Mandatory)	CCG Contract (Mandatory)	NICE Quality Standard (Mandatory)
	NICE Guidance (Non Mandatory)	CQC Essential Standards (Non Mandatory)	NHSLA criteria (Mandatory)
	Incident/Complaint/ Claim (Non Mandatory)	Risk identified on Risk Register (Non Mandatory)	Other concern regarding clinical practice (Non Mandatory) X
✶For Clinical Audits, state whether Mandatory or Non Mandatory			Non-mandatory
✶**Reference Number** (Date-Division-Surname of Clinical Audit Lead)			14/5/18-Plastic Surgery-Sarah Tucker
✶**Title** (Include acronyms, NICE reference numbers and Datix IDs of incidents etc. where relevant)	WIRE Study – National service evaluation of Kirschner wire fixation of metacarpal and phalangeal fractures		
Lead/Owner (person responsible for ensuring the Datix record is up to date.	Matt Gardiner / Mark Mikhail		
✶**Clinical Audit Project Lead** (Person responsible for quality and completion of project)	Mrs Sarah Tucker		
Job Title: Consultant plastic surgeon	**Email:**	**Telephone/Bleep number:Through switch**	
✶**Description** 1. The aspects of care the project is seeking to improve 2. The criteria that are being audited 3. The standard for each criterion	This service evaluation constitutes feasibility work for a planned randomized controlled trial comparing burying or not burying K wires following hand fracture fixation in adults.		
Location(s) collecting / providing data			
✶**Hospital Site(s)**	John Radcliffe		
✶**Division(s)**	SSIP		
✶**Directorate(s)**	Specialist Surgery		
✶**Specialty**	Plastic Surgery		
✶**Audit Report Due Date** For National Clinical Audits this is the date the national report on this data will be published	Jan 2019		

*Meetings at which the completed audit report is expected (with dates)?	Local departmental audit meeting February 2019; BSSH Spring Meeting 2019 (May)		
Methodology			
Will the data collection be prospective or retrospective?	Prospective		
How will the data be collected? *(e.g. case note review, patient questionnaire, observation)*	Observation of patient care. Anonymised information will be collecting using the REDCap research database hosted by the University of Oxford.		
Population to be audited?	*Adult patients with metacarpal or phalangeal fractures needing K wire fixation.*		
Sample size?	n/a	How selected?	2 month evaluation period
Resource implications *Time (Person days); Other costs (e.g. Medical records, Questionnaires, Postage)?*	*`No resource implications. No costs associated with database. Data collection and uploading will be done in private time.*		
User involvement *Are patients involved in the project design?* *How will patients be informed of findings?*	*This is a national project led by the Reconstructive Surgery Trials Network. It is supported by a grant from BAPRAS. A patient survey has been published and patient focus groups are underway,.*		
How will any confidentiality issues be addressed	*No patient identifiable information will be uploaded to the database. A local spreadsheet will be kept on a trust computer to match database ID with MRN.*		

This form must be sent to the directorate clinical audit lead for approval

Approval (Directorate Clinical Audit Lead or designate)

I confirm that this project is appropriate, has been quality assured and is to be added to the Trust Clinical Audit Programme

Name		**Signature**	**(Not needed if approval forwarded by e-mail/recorded on Datix)**
Job Title		**Date**	

INFORMATION LABELLED*MUST BE ENTERED WITHIN THE AUDIT MODULE OF DATIX TO REGISTER THE CLINICAL AUDIT PROJECT

Enter the Audit Datix ID Number here		