

SurgWeek-2



NIHR Global Health Research Unit on
Global Surgery

NIHR | National Institute for
Health and Care Research



UNIVERSITY OF
BIRMINGHAM

SurgWeek-2 – Study summary

Determining global variation in post operative complications

Study design

- Prospective, observational international cohort study

Aims:

- To determine the global variation in post operative complications
- To determine the global variation in postoperative infective complication and antimicrobial resistance rates.
- To determine the global variation in postoperative mortality rates and underlying mechanisms
- To determine the global variation in access to and outcomes associated with minimally invasive and robotic surgery.
- To determine the global variation in the outcomes and delivery of the Bellwether procedures (laparotomy, caesarean delivery and open fracture management)

Inclusion criteria

- All hospitals world-wide where surgery is performed are eligible to participate
- Patients undergoing any operation (elective or emergency), excluding minor procedures. Day case surgery and inpatient surgery are included
- All ages including both children and adults
- All surgical specialities are included

Data collection

- 7-day data collection period with 30-day follow-up for each patient
- There will be six, 7-day collection periods. Hospitals are invited to participate in between one and six periods.
- A mini team of up to three collaborators per speciality, per period will collect data during each 7-day collection period.
- Multiple mini-teams may participate at the same hospital, either collecting data in different specialities, or in the same speciality during distinct 7-day blocks. One mini-team may choose to do multiple specialities and/or time periods. Sites must ensure there is no overlap and patients being collected twice.
- Data will be collected and stored online through the secure REDcap web application
- All consecutive eligible patients should be included

Local Approvals

Hospital leads at each participating site are responsible for obtaining necessary local approvals in line with their hospital's regulations.

Authorship

All National Leads, Hospital Leads, and mini-team collaborators who contribute data reported in a publication will be included as PubMed-citable co-authors on that particular publication.