

## Invitation and Brief summary

The Sprint National Anaesthesia Projects (SNAPs) are 'snapshot' evaluation studies of clinical activity and patient-centred outcomes that are important and relevant to both patients and anaesthetists. SNAP-1 was a two-day evaluation of patient reported outcomes after anaesthesia conducted in May 2014 and over 95% of NHS hospitals in all 4 devolved UK nations participated in that study.

We are now conducting the second SNAP research study (SNAP-2: EpiCCS) in hospitals throughout the UK, which will use patient information to help us improve care for people undergoing surgery in the future. We would like to invite your hospital to take part. SNAP-2: EpiCCS will describe the epidemiology of perioperative risk and outcome, and critical care referral and admission after inpatient surgery in the UK. It also aims to examine whether planned postoperative critical care admission is effective as an intervention to reduce postoperative morbidity.

The study is managed by the National Institute of Academic Anaesthesia Health Services Research Centre (NIAA HSRC) in conjunction with the UCL/UCLH Surgical Outcomes Research Centre (SOuRCe).

## Study Design

SNAP-2: EpiCCS will be a prospective observational cohort study recruiting patients for one week in March 2017. It has three principle components:

### Main EpiCCS patient study (Tuesday 21<sup>st</sup> March 2017 – Monday 27<sup>th</sup> March 2017)

All patients undergoing inpatient surgery (elective or emergency) during the study week will be enrolled onto the main EpiCCS study. We will collect perioperative risk data for these patients and follow-up data on morbidity and mortality.

### Quality of Recovery sub-study (One day during the main study week)

Patients undergoing surgery on a single day in each Trust will be given a participant information sheet on admission to hospital. They will then be approached to complete a preoperative QoR questionnaire - if they agree to do so, this will be taken as evidence of implied consent. By random allocation, hospitals will be asked to collect QoR sub-study data on patients undergoing surgery on one of the days of the recruitment week.

### Clinicians sub-study (Any time during the study)

All anaesthetists and surgeons who undertake perioperative care for inpatient surgery during the study period will be invited to participate. If they decline, they will be asked to provide the reason why. If they agree and complete the questionnaire, this will be taken as evidence of implied consent.

Additionally, an organisational questionnaire for each hospital will be completed to describe structure and process in those institutions, and critical care unit occupancy at regular time-intervals throughout the one-week data collection period.

## To participate

At the moment we have over 200 hospital sites in England, Scotland, Wales and Northern Ireland who have registered to take part. If you would like more information about the study, please go to our website: <http://www.niaa-hsrc.org.uk/SNAP-2-EpiCCS>. If you would like to find out who the Principal Investigator is in your hospital, or if you are a potential a PI and would like to register your hospital for the study, please email us: [snap2@rcoa.ac.uk](mailto:snap2@rcoa.ac.uk).