



# Pan-London Perioperative Audit & Research Network

NEWS

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MULTI-CENTRE

RESEARCH

AUDIT

PUBLISH

COLLABORATE

- **QUINCE published in Perioperative Medicine Journal with all contributors named in the paper and identified as collaborators on PubMed!**
- **ALPINE and iHypE to start in Autumn 2016. Register your interest to participate now via your regional committee member or PLAN@uk-plan.net**
- **NIAA-OAA Large Project grant awarded for PROBE project on accidental awareness in obstetric anaesthesia. To begin recruitment in February 2017**

## General update

It has been an exciting and productive first half of 2016 for PLAN. Our pan-London trainee network has now completed data collection on a 3<sup>rd</sup> project, AVIATOR, with full results to be disseminated soon. Huge thanks to all trainees who helped with this project.

We are also delighted to announce that our first publication has been put into press, with all collaborators named in the paper and indexed on PubMed (see the QUINCE section for more information and links).

Our annual open meeting in May was attended by over 80 trainees, with Dr. Carolyn Johnston (Quality improvement lead for NELA) giving an excellent talk on "Networks for improvement: the next step". We also selected our next projects for adoption. All trainees across London were invited to submit their project ideas. Trainees completed a PLAN project proposal form, which was then reviewed and individualised feedback given to project leads prior to presentation at the PLAN open meeting. After impressive presentations, voting took place by the committee and consultant PLAN members to select the projects best suited to PLAN. Three new projects were selected:

- iOPS, Intraoperative oxygenation in patients undergoing major surgery (*Clare Morkane, Helen KcKenna, Dan Martin*)
- An assessment of pre-operative anxiety levels in patients undergoing elective surgery across London (*Sam Ma, Andy Bailey*)
- Antenatal provision of information regarding analgesia and anaesthesia for labour and delivery (*Rebecca Brinkler*)

You should receive project updates for AVIATOR and any other PLAN project that you have participated in via the Freedcamp project management tool; if you don't then please contact your regional committee member (see <http://www.uk-plan.net/Committee>).

## Our next PLAN project:

### ALPINE (Adoption of Lung Protective ventilation IN patients undergoing Emergency laparotomy)

**ALPINE** is due to be rolled out as a PLAN project in the autumn of 2016. It is an observation study, which aims to determine how patients undergoing emergency abdominal surgery are currently being ventilated, and to what extent protective lung ventilation has been adopted in this high-risk population. It also investigates potential associations between mode of ventilation and development of post-operative pulmonary complications. ALPINE is working in collaboration with the National Emergency Laparotomy Audit (NELA) and has already been awarded a competitive NIAA-AAGBI/Anaesthesia grant.



In other news, ALPINE has been selected as the RAFT 2017 annual project at the recent GAT meeting in Nottingham. This was a competitive process where trainees from across the country pitched their project ideas to the RAFT committee. We look forward to seeing the national results!

To register your interest for this project please contact your regional PLAN committee member (see <http://www.uk-plan.net/Committee>) or Ximena Watson on [ugm2xw@doctors.org.uk](mailto:ugm2xw@doctors.org.uk).

## AVIATOR (Anaesthetic Viewpoint to Improve A Theatre's Operating efficiency and Results)

[AVIATOR](#) finished data collection in February, with a view to identifying theatre inefficiencies from an anaesthetist's perspective and the potential implications. We have a vast amount of data from over 30 hospitals, which can be fed into the development of improvement strategies locally. The data is currently being analysed to look at three separate issues:



- The impact of the presence of a trainee on theatre efficiency.
- Analysis of theatre efficiency, both according to site and specialty. This will also look at adherence to RCoA defined standards for theatre efficiency.
- Comparison of electronic theatre data with the Anaesthetic perspective of delays elicited by the surveys, to evaluate any discrepancies, and also to further compare electronic data with RCoA standards.

Site specific data will be sent to your hospital so trainees can then take the lead on their own local quality improvement project.

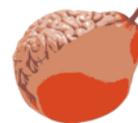
## PAINT (Pain In INTensive Care)



[PAINT](#) was a collaborative, observational audit of adult ICU patients conducted by PLAN and SEARCH (South East Anaesthetic Research Chain). Medical and nursing notes were reviewed for pain and physiological parameter assessment as well as demographic data. Over 1500 patient assessments were included from 750 patients. Headline results were: 96% of patient assessments documented by doctors included a cardiovascular system (CVS) review compared with 35% for pain and 29% of patient episodes had no nursing pain assessment. The PAINT team raise some interesting questions from their results and wonder if omission of pain documentation represents an assumption that pain management lies outside the remit of the doctor role, or perhaps reflects a lack of education on how to assess pain in the ICU setting?

Currently a manuscript of the data is being finalised for publication in a peer reviewed journal. All collaborators will be named in the manuscript.

## QUINCE (QUality of INtraoperative CErebral protection) **QUINCE**



[QUINCE](#) has now been published in the journal Perioperative Medicine and we are looking forward to its secondary project, [iHypE](#), which has been accepted as this year's annual RAFT (Research and Audit Federation of Trainees) project. This will be a two day study of elderly patients undergoing general or regional anaesthesia for surgery to investigate the incidence of, and the anaesthetists' perceptions of, intra operative hypotension.

The QUINCE paper names all collaborators who collected data for the project, with names also indexed (and searchable) on Medline via PubMed:

<http://www.ncbi.nlm.nih.gov/pubmed/27239298>

### Upcoming PLAN project:

## PROBE (Patient Reported awareness in OBstetrics)

[PROBE](#) has been developed in response to the 5<sup>th</sup> UK National Audit Project (NAP5), which investigated



accidental awareness under general anaesthesia (AAGA). NAP5 highlighted obstetric GA patients as being at disproportionately high risk of *spontaneously reported* AAGA. Whilst direct questioning methodology has revealed a well established incidence for AAGA in the wider surgical patient population, the comparator for this incidence in obstetrics remains unclear.

The PROBE research study will investigate the incidence of AAGA in obstetric patients, using direct questioning with a standardised Brice questionnaire. Secondary outcomes will look at patient, surgical and anaesthesia-related factors that increase risk of AAGA and the long-term effects such as post-traumatic stress disorder. This study is a prospective, observational multi-centre cohort study and has recently been awarded the NIAA-OAA Large Project grant to support implementation.

The project has been developed in collaboration with key NAP5 leads, including Professor Jaideep Pandit and Nuala Lucas. Patient recruitment will begin in February 2017.

Would you like to get involved with PLAN?

Register your interest: [PLAN@uk-plan.net](mailto:PLAN@uk-plan.net)

Find out more: [www.uk-plan.net](http://www.uk-plan.net)