



Pan-London Perioperative Audit & Research Network

NEWS

Issue 4 - Spring 2017

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MULTI-CENTRE

RESEARCH

AUDIT

PUBLISH

COLLABORATE

- **PAINT (Pain In INTensive Care) published in *Anaesthesia***
- **iOPS and DREAMY projects to launch Spring - Summer 2017**
- **PLAN Annual General Meeting and Project Selection Event to be held @ HEE London, Stewart House in September 2017**
- **Member survey has been sent out, tell us what you want from PLAN**

What is PLAN?

The Pan-London Perioperative Audit and Research Network (PLAN) is a trainee collaborative group which aims to produce high quality audit, quality improvement and research projects in perioperative, critical care and pain medicine across London.

What are the benefits?

We provide London trainee doctors with opportunities to participate in large scale multi-centre projects. By working collaboratively and sharing our experiences we produce higher impact and more meaningful output. By getting involved with PLAN we hope that you'll gain skills in management, leadership, patient-facing research and expand your scientific horizons. We publish the names of all local investigators on resultant publications.

How can I get involved?

Anyone can join PLAN and contribute as a local investigator, project lead or steering committee member! Please see www.uk-plan.net/participate to find out more.

New projects

iOPS - Intraoperative oxygenation in patients undergoing major surgery



iOPS is a trainee-led snapshot service evaluation to assess the administration and monitoring of oxygen during major elective surgery in adult patients. PLAN will be collaborating

with SPARC (Southcoast Perioperative Audit and Research Collaboration) to characterise anaesthetic practice in different centres across London and the South Coast. With differing recommendations emerging from the literature (including 2016 WHO SSI guidelines), it is important to characterise anaesthetic practice in the delivery and monitoring of our most frequently used drug, oxygen, whose toxic effects remain under appreciated in the clinical setting.

This project will run over a 5 day period in April and will include patients undergoing general anaesthesia for elective procedures that necessitate the insertion of an arterial line. Find out more at www.uk-plan.net/iOPS or email c.morkane@nhs.net

DREAMY - Direct Reporting of Awareness in Maternity patients



DREAMY is an observational cohort study using a mixed methods approach to provide quantitative and qualitative data on Accidental Awareness under General Anaesthesia (AAGA) in obstetric surgical patients. We will use Brice questionnaires to investigate the incidence of AAGA and structured interviews and follow up over 12 months to provide detailing information and the experiences of women with AAGA.

Unlike most previous PLAN projects, which have been snap shots over 1-2 days, this study will continue for a year to capture data. We are supported by NIAA/OAA grant funding to provide follow up activities and will be collaborating with Oxford Critical Care & Anaesthetics Research Enterprise (OxCCARE) and South East Anaesthetic Research Chain (SEARCH) trainees networks to ensure recruitment across South East England, but need trainees to collaborate and help make this important study successful. Start date May 2017. Find out more at www.uk-plan.net/DREAMY or email DREAMYresearch@gmail.com

Help us deliver what you want from PLAN. Please complete the PLAN membership survey:

www.surveymonkey.com/r/YRY5VXS

Recent Achievements

PAINT (Pain In INTensive Care) published

PAINT was a collaborative, observational audit of adult ICU patients conducted by PLAN and SEARCH (South East Anaesthetic Research Chain) conducted in 2015. It has now been published in Anaesthesia with all contributors named as collaborators: <http://onlinelibrary.wiley.com/doi/10.1111/anae.13786/full>



London recruitment to iHypE by PLAN

iHypE was a home-grown study that followed on from PLAN's QUINCE project. It the first major RAFT project and a great success. The aim was to assess the incidence of intraoperative hypotension in the elderly, document associated outcomes, identify treatment thresholds and anaesthetists' attitudes towards hypotension. Data was collected over a 2-day period in December 2016 and patients were followed up at 30 days for adverse outcomes. There were 641 collaborators from 17 trainee networks, who collected data at 195 sites. The iHypE team have over 3300 anaesthetist surveys and 3800 patient datasets to analyses. The study closed at the end of January and amazingly the team have already submitted their first abstract.



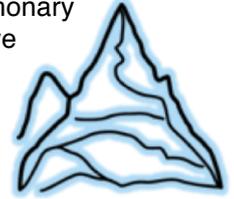
AVIATOR - Anaesthetist View point to Improve A Theatre's Operating efficiency and Results.

AVIATOR ran in early 2016, with all data collected from 40 sites across Greater London. The data has been analysed and audited against the Royal College of Anaesthetists standards for theatre efficiency, as well as providing the opportunity for multi-site comparison. The project yielded some extremely interesting results with 1453 lists surveyed in total, giving a perspective on over 5000 patient encounters. Sites received a report on the entire data set as well as a site-specific document in February, information which highlights individual aspects of theatre inefficiency that can be used develop of local quality improvement projects. A subset of the overall data set considering the impact of trainees on theatre inefficiency was presented at the AAGBI Winter Scientific Meeting in January 2017; with statistical analysis of the larger database ongoing.



ALPINE - Adoption of Lung Protection strategies IN Emergency Laparotomy

ALPINE is our ongoing study looking at ventilation strategies in emergency laparotomy patients and post-operative pulmonary complications. It is a prospective multi-centre study run by PLAN in collaboration with NELA. We have 28 hospitals recruiting patients across London. Our initial plan was to run the study for 3 months; however, this period has been extended until the 31st March in the aim to recruit 500 patients. A big thank you to all the trainees who have agreed to continue with this study, so far we have over 400 patients. This is fantastic work and we have feedback that this study has helped departments re-engage with NELA.



General update

2017 is set to be a busy year for a PLAN and we hope that you'll find a project to participate in that stimulates your interest. We appreciate that, as doctors in training, the demands and restrictions in our time are becoming increasingly difficult to manage. That is why we offer a supportive framework for the development, ownership and delivery of clinically relevant projects led by trainee doctors. By providing the resources, mutual connections and peer-to-peer education required to oversee large multi-centre projects, we are able to achieve much more working together than working alone.



PLAN has worked in close collaboration with a number of our anaesthetic organisations to bring you our projects. We thank NELA for collaborating with us on the ALPINE project and the OAA for

funding and assisting with the set up of our forthcoming DREAMY study.

AGM and Project Selection Event

Our PLAN Annual General Meeting and project selection event will be hosted by HEE London and held at Stewart House in September 2017. Start developing your project proposals now! To find out more visit:

www.uk-plan.net/participate

Would you like to get involved with PLAN?
Register your interest: PLAN@uk-plan.net
Find out more: www.uk-plan.net