



Spring 2018 NEWSLETTER

An anaesthetic trainee-led network, conducting multi-centre audits & research in the North Western Deanery



Welcome to our new-look newsletter!

We are a collaborative network set up to promote high quality, multi-centre audits and research in anaesthesia and intensive care medicine. Run by trainees, for trainees, we're open to everyone from higher trainees to foundation doctors to help take good ideas and turn them into high-quality, high-impact projects.

We'll be sending out this newsletter quarterly, with updates on projects in the Deanery and further afield that trainees can get involved in; relevant events, courses, and conferences; and highlighting work done by our trainees. Check out our website, follow us on social media, or email us at nwrag@hotmail.co.uk if you've an idea for a project, are seeking collaborators, or just want to get on our mailing list!

Our website address has changed - the new address to use is - www.nwrag.co.uk

Please check the website for your local hospital NWRAG Consultant link or research lead who will be able to discuss ideas and projects with your further.

New Committee Member Opportunities

As a number of committee members have moved on to consultancy, we are looking for two new trainees to join the steering group to continue to develop NWRAG.

If you would be interested in this role, please get in touch with a short paragraph on what you would like to change or develop within the region in respect to audit, QI or research for trainees.

Current projects From Within The North West Region

We have a number of projects currently in the development stage that have been suggested by interested trainees around the region.

These include the following -

- Perioperative Temperature Management.
- Assessment of Patient HIV status on admission to critical care.
- Review of clinician opinions on post-anaesthetic follow-up
- A joint project with the North West Surgical Research Collaborative - topic to be confirmed.

We will be providing more information on these as it becomes available and will be hoping to complete them region-wide if appropriate.

If any trainee has an idea that they would like to undertake on a region wide basis, then please do get in touch and we can help you through the process.

National Research Projects

PQIP - Perioperative Quality Improvement Programme

PQIP was established in 2016 by the National Institute of Academic Anaesthesia's (NIAA) Health Services Research Centre, working on behalf of the RCOA, and in collaboration with the RCS, the RCP, the Royal College of Nursing, the FICM and the Faculty of Pain Medicine plus a number of professional specialist societies. So far 70 hospitals have expressed interest in joining and eventually we hope that all hospitals undertaking major inpatient surgery throughout the NHS will participate. Our methodology is to establish a dataset (based on the best evidence for patient risk factors, processes and outcomes) and then use it to measure and improve patient outcomes, while also answering important research questions. The first PQIP patient study, which is sponsored by UCL, will recruit 70,000 consenting patients over four years has been adopted onto the NIHR Portfolio and therefore support is available to help with patient recruitment and consent. We will systematically measure complications, patient-reported outcomes and failure to rescue in participating hospitals. Hospitals may recruit a few patients per week or all patients within a particular surgical specialty or specialties. Once a patient has started their PQIP journey they will be followed up for one year after their procedure to assess their general health and wellbeing.

If any trainee is interested in assisting with this project, please discuss with your local research consultant lead who will be able to inform you if their hospital is participating.

New Trainee Led Groups To Be Aware Of

PAIN-TRAIN

PAIN-TRAIN (www.paintrainuk.com) is the new RAFT-embedded network aimed at those with pain-related enthusiams.

If you are interested in getting involved, contact can be made via paintrainuk@gmail.com .

Paediatric Anaesthesia Trainee Research Network - PATRN

Originally founded by two senior anaesthetic trainees, Paediatric Anaesthesia Trainee Research Network (PATRN) is a network of motivated and enthusiastic anaesthetic trainees with an interest in paediatric anaesthesia. We form a collaborative via which trainees can undertake multi-centre research and audit projects. PATRN has the support of the Association of Paediatric Anaesthetists of Great Britain and Ireland (APAGBI), who provide us with scientific support and advice.

They are keen for interested trainees to get in contact about being link people as well as suggesting new ideas for research.

If you are interested becoming a link person for NWRAG in respect of PATRN, please see their website at the following - [PATRN](#) - and let us know.

Projects Organised By The Research & Audit Federation of Trainees (RAFT)



DALES (Drug Allergy Labels In The Elective Surgical Population)

The 2018 RAFT annual project, following on from the success of iHYPE, is a 3-day snapshot study exploring the prevalence and impact of patient-reported drug allergies.

It comprises both patient and anaesthetist surveys with targeted same-day follow-up for patients with Beta-lactam and opioid allergy labels who are receiving these drugs. The ultimate aim is to help anaesthetists tackle the risks of false non-IgE 'allergy' labels which are now well established.

We're looking for leads for data collection at all Trusts across the Deanery, with data collection starting between the 21st May and 2nd July 2018. See <http://www.rafrainees.com/project-summary.html> for more information, and [email us](#) to become a local lead.

All interested trainees must have an up-to-date Good Clinical Practice certificate - see [this link](#) at to access the introduction to GCP for secondary care.

PATHOS - Prevention and Treatment of Hypotension in Obstetric Surgery

This has been chosen as the next RAFT national project to be conducted in 2019. It was formulated by the trainee group in the West Midlands.

It will be a survey based project on anaesthetists views on treatment strategies for hypotension management in obstetrics.

Keep a look out for more information on this as it comes.

Research and Quality Improvement Day 2018

After the success of 2016's *Principles of Quality Improvement and Research* day, NWRAG will be running another study day in October 2018 at the Bolton Education Centre. Free for North West trainees and targeting those hard to complete research elements of the curriculum, keep an eye on our mailing list for more information on the day, and joining instructions.

As part of the day we will be hosting the Robbie McKendrick Prize with the opportunity to present your work from around the region.

#journalclubandbeer

We are looking at different methods of enabling discussion of interesting papers between trainees and would like to hear your thoughts on this. Of particular interest is the use of Twitter as a medium of facilitation discussion, which has been used to good effect in a number of other specialities.

If you would like to see this aspect of the group done more often or held in a particular place around the region, then please do get in touch.

Given the current climate, even a chance to catch up with friends would be a useful exercise in itself.

Advanced Anaesthesia Training Research Module Availability

Interested in research but think you have missed the boat by not doing an Academic Research post?

For Higher Trainees, please note that there is an Advanced Anaesthesia module in research that can be accessed in discussion with the school of anaesthesia.

This was developed recently by Dr Matthew Jackson and there are a number of consultant leads across the region who you can discuss potential opportunities/ projects with for the year.

If you are interested and would like to find out more, please get in touch and we can put you in contact with the relevant people.

Academic Clinical Research Posts in the North West

We are fortunate to have several academic clinical research fellows (ACFs) within the north west, working on a variety of topics.

If you are interested to find out more about this work, please follow [this link](#) to our website and explore.

If you are interested in applying for an ACF post in anaesthesia or critical care, please get in touch and we can put you in contact with one of the current trainees.

Recent publications and presentations by North West Trainees

- Charlesworth M et al, '[Decision making in response to respiratory veno-venous extracorporeal membrane oxygenation referrals: is current practice precise enough?](#)' Anaesthesia November 2017: Vol 73 (2); 154-159
- Shelton C, Mort M, Smith A, '[It's learned on the job and it depends who you're with'. An observational qualitative study of how internal jugular cannulation is taught and learned](#)' JICS 2018: Vol 19, Issue 1; 26-34
- Walton T, '[The Masked Marvel](#)' - Winner of the RCOA Faculty of Pain Medicine 'History of Anaesthesia' Essay Prize 2017
- McCormack V, Tolhurst-Cleaver S, '[Acute Respiratory Distress Syndrome](#)' BJA Education May 2017: Vol 17, Issue 5; 161-165
- Chambers D, Sebastian J, Ahearn D, '[Parkinson's Disease](#)' BJA Education April 2017: Vol 17, Issue 4; 45-149
- Wilson-Baig N, '[The value of life sciences in an integrated curriculum: A reflective perspective of studying two life science degrees a decade apart and the challenges faced in professional life](#)'. MedEdPublish 2017: Vol 6 (3); 1-15

- Jackson, M.J., Patvardhan, C., Wallace, F., Martin, A., Yusuff. H., Briggs, G., Malik, R.A. (2016), '[Perioperative management of diabetes in elective patients: a region-wide audit](#)'. British Journal of Anaesthesia 2016.

Publication? Letter? Presentation? Poster? Let us know on the website and we can showcase your work!

Dates for your diary

- ANWICU Trainee Prize Evening, Bolton Hospital, 27th February
- Data Science for Doctors, RCOA, 26-27th March
- BJA/NIAA Research Methodology Workshop, RCoA, 19th April
- Perioperative Medicine Clinical Trials Network Development Day, RCOA, 23rd April
- 15th Annual Critical Care Symposium, Manchester, 26th/27th April
- NIAA Annual Scientific Meeting, RCoA, 21st May
- BJA Research Forum Spring Scientific Meeting, RCOA, 30-31st May
- AAGBI GAT ASM, Glasgow, 4-6th July
- NWRAG's Research and QI day, Royal Bolton Hospital, October TBC

Running any workshops? Know of any conferences worth attending or submitting work to? Let us know and we'll advertise it here and on our website.

Contact Details

Email - nwrag@hotmail.co.uk

Website - www.nwrag.co.uk

Twitter: @NWRAG

Facebook: <https://www.facebook.com/groups/NWResearchAuditGroup/>



SPRING 2018 NEWSLETTER

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