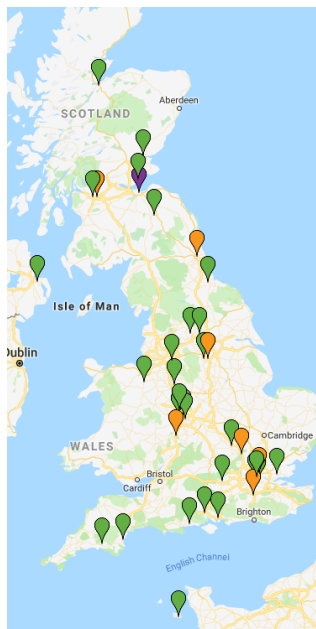




Powered by Curiosity

**RAPID HAS FINISHED****By Rachel O'Brien**

It is with great pride but also sadness that the RAPID-CTCA trial has come to the end of recruitment after 4 years. This multi-centre randomised controlled trial looking at the use of early CT Coronary Angiogram (CTCA) in patients with suspected or confirmed ACS across 37 UK hospitals has been rewarding and challenging and has been a great opportunity to strengthen EMERGE's collaborations with other ED research teams as well as cardiology and radiology colleagues. It will also be the largest trial in CTCA in this patient group ever so an amazing achievement.



In total, the trial has screened **12,740** numbers of patients and recruited **1749** participants and allowed Rachel and Alasdair as well as Kat, the trial manager, to travel to many places in the UK covering over 20000 miles to meet all the researchers taking part. In total we believe over 750 people have been involved across all the sites.

Thank you to everyone who has participated in the trial, most importantly all the participants who took part and made it possible.

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★ **Researcher of the Quarter has been awarded to...**
Raju Patel ★



He has been very proactive in assisting with recruitment by highlighting eligible patients for studies. We have spent time with him telling him about each study and how he could help us. His help was particularly brilliant when we were recruiting for Breathspect as patients who were eligible were often redirected from triage to more appropriate places and he would alert us to them.

Thanks for all of your help Raju!

EMERGE Staff Updates

Goodbye from Bernadette

'It is not often that you find a job interesting, educational and exciting. EMERGE covered all of these during my 4 years working there. A great thing about EMERGE is the team. The staff have a variety of experience, knowledge and personalities. If you have a problem to solve it does not take long to find someone with the expertise and enthusiasm to advise you.'

Working here merged my interest in Emergency Medicine and research, a growing speciality, in which Edinburgh is a leader. It has been great to be part of this growth and I will continue to watch from afar.



As I have moved to Penrith it is not feasible for me to commute. Reluctantly I am moving on. I will miss the support from both my manager and colleagues through my studies and pregnancy. I take with me many improved skills which include phase 1-4 studies in the emergency department, presentation skills, poster making, hosting a conference and attending conferences. I have also reluctantly realised the importance of social media in research, although I still remain fairly amateur.'

Meet the expanding team!

Fraser Craig– Clinical Trials Assistant

'Before working in the emergency department, I worked over 20 years in the care sector. This allowed me to support adults and young people who had learning difficulties and mental health problems, along with supporting a patient who had an acquired brain injury, on a one-to-one basis. I then moved onto working in the emergency department where I gained more clinical skills which worked well with my support skills. I loved working in the ED. It was my first real team experience, as previously I was frequently a lone worker, and I thrived on the fact that the whole department could not survive without each other; from the domestics to the consultants- we all worked together!'

I started with EMERGE on April fools day 2019! I am overwhelmed by the "team" feeling- this is by far the most exciting and dynamic crew I have ever joined!'









Claire Cheyne– Bank Stroke & ED Research Nurse



'In 2006 I travelled the world working as a nurse in Australia to fund my adventure, and returned home to Scotland! I was lucky enough to gain employment within the emergency department in the Royal Infirmary of Edinburgh for around 9 years. During that time I got married, had two children, and worked in community nursing for a short while. Now I work on the staff bank in a variety of specialities but mainly within the emergency department and with the wonderful EMERGE research team.'

I am new to research and I'm loving the challenges it brings, the vast amount there is yet to learn and being part of something that will have a positive influence on the delivery of patient care.'

EMERGE's Study Information– HOW CAN YOU HELP?

Study	Clinical Presentation	Patient Group	How Can You Help?
	Significant ankle ligament injuries (OAR positive- no bony injuries (except avulsion/ flake fractures))	-Patients aged 18 or above presenting to the ED with isolated ankle injuries	Highlighting patients with significant ankle ligament injuries. Handing out introductory letters to patients who meet eligibility criteria out of hours
IONA	Suspected Recreational Drug Use	-Patients aged 16 years old or over -Suspicion of novel psychoactive substances	Highlighting potential patients to the EMERGE team who will investigate further
	Paracetamol Overdose	-Patients aged 16 years old or over who have taken a paracetamol overdose	Highlighting potential patients to the EMERGE team who will investigate further
	Suspected Septic Arthritis	-Patients with suspected septic arthritis -no age restriction	Highlighting potential patients to the EMERGE team who will investigate further
	Humeral Shaft Fracture	- Patients with a humeral shaft fracture	Highlight patients to the EMERGE team who will investigate further
	Suspected Hereditary Angiodaema	-Patients aged over 16– 60 years old -Patients with suspected hereditary angiodaema -Recurrent episodic abdominal pain	Highlight eligible patients to the EMERGE team
	D-DIMER or CRP required	-Patients aged over 16 years old -D-DIMER or CRP completed	Highlight eligibility to the EMERGE team

Call Research Nurse Desk in the Emergency Department Ext 21315

Or the EMERGE Office Ext 21284

EMERGE has a new uniform!



We are very excited to have our first EMERGE uniforms delivered. It is great to have a uniform to wear downstairs and feel part of the bigger emergency department team.

The reaction to having our own uniform has been very positive so far from the emergency department team and our uniform announcement on twitter resulted in thousands of views!

#caribbeanblue

EMERGE 2018-2019 Annual Statistics

Within the last year we participated in 24 studies which results in....



Team Members
42



Recruited
3505



Screened
9303

Research-focused Courses

If you are interested in clinical research, below are some courses which we find valuable in our day-to-day practice and would recommend to everyone.

The Clinical Research Facility

Edinburgh provide a range of courses such as Good Clinical Practice and Informed Consent- a researcher's bread and butter!

Next Good Clinical Practice Course:

21st of August at Royal Infirmary of Edinburgh

Informed Consent Courses:

22nd of October at the Western General Hospital

Email: wtrcf.education@ed.ac.uk

Telephone: 0131 537 3355



If you are not local to the area, The Royal College of Emergency Medicine provide a FREE Good Clinical Practice online course.

Congratulations to Professor Matt Reed

Matt began his career in general surgery when he first started training but discovered that he enjoyed spending time with the patients and began working in the emergency department instead. He then went on to complete a MD proposal on the risk stratification of syncope in the ED, and then continued research work in this area focusing on the use of biomarkers and ambulatory monitoring in syncope. He has **published over 80 peer reviewed papers** as well as numerous conference presentations and has personally been awarded over £950,000 in research contracts/grants in his career.



Congratulations Matt!

Tissue Donation in the Emergency Department

By Alison Williams

After the success of our first QI Tissue donation in the Emergency Department (#TDintheED) training day in March, We're delighted to announce we will be doing it all over again on **Friday 27th September**. Spaces are limited to around 20. Please contact EMERGE office 21284 or Alison Williams to reserve a place. Post training evaluations commented on how enjoyable, beneficial and worthwhile this day was and post training we saw an immediate increase in our referral rates to tissue services. This is very exciting for us as a department but also improving our end of life patient care that we offer.



WE HAVE A -80 FREEZER!

By Emma Nugent

This quarter we welcome a new addition to our EMERGE equipment; a -80 freezer!

This freezer has capacity to hold thousands and thousands of blood samples for several EMERGE studies and will broaden our emergency department research development.



TOTE BAG



Matt attended the SAEM Conference in Las Vegas



Fiona, Caroline, Matt and Emma attended the EHA Investigator's Meeting in Prague



Julia went on holiday to France



Claire visited Portugal

Stroke and Neurosurgery Research Team

Study Update– ETNA

By Allan MacRaid

ETNA aims to find out whether an MRI scan completed as soon as possible after symptoms present, lead to a better diagnosis than standard care. Once the patient has been discharged, following being discharged, the participant completes a questionnaire 90 days after to evaluate their quality of life.

So far we have had 97 out of 142 patients complete their questionnaires which is a **68% success rate!**

Well done team!



Phase 2 of BRAINED will be coming soon!



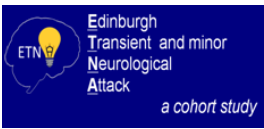


BRAINED is a research project looking at creating a novel biomarker to detect brain tumours.

This study has been recruiting at the Western General Hospital, but in the next phase of this project, the recruitment areas will expand to the Emergency Department in the Royal Infirmary of Edinburgh.

400 participants have been recruited so far and the aim is to extend this to 1000 with recruitment kicking off at the Royal in August.

EMERGE are excited have started this project as the first one in our new journey with neurosurgery research.

Current Stroke Studies conducted in the Emergency Department

Study	Clinical Presentation	Patient Group	How can you help?
	Ischaemic Stroke	-Patients aged over 18 years old -Less than 4.5 hours after symptom onset -Male or non pregnant females	Highlighting potential patients to the EMERGE team who will investigate further
	Intracerebral Haemorrhagic Stroke	-Patients aged over 18 years old - Confirmed intracerebral haemorrhagic - less than 12 hours onset	Highlighting potential patients to the EMERGE team who will investigate further
	Suspected TIA	-Patients aged over 18 years old -Suspected TIA -Less than 1 night admission to hospital	Highlighting potential patients to the EMERGE team who will investigate further
	Primary Spontaneous Intracerebral Haemorrhage (ICH)	-Patients aged over 16 years old - First ever ICH	Highlighting potential patients to the EMERGE team who will investigate further
	Acute Stroke (Intracranial haemorrhage or ICH)	- Patients over 66 years old -Less than 24 hours after onset	Highlighting potential patients to the EMERGE team who will investigate further



SAVE A LIFE FOR SCOTLAND

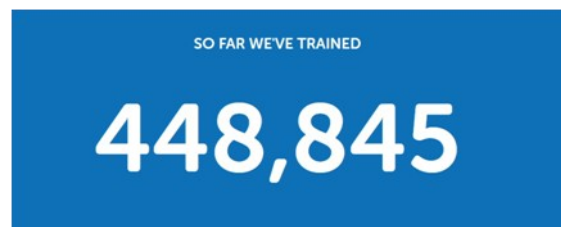


Events

The SALFS partnership have been busy holding CPR awareness events all across Scotland! The partnership took part in a CPR event at the Thistle Centre in memory of a community member who had passed away following a cardiac arrest, spreading the important message of CPR and AED awareness. SALFS also took part in the Darnley CommonHealth Games, teaching CPR skills to over 300 children! The children also received SALFS CPR bags so that they could go on to spread CPR awareness among their friends and family.

Portal Milestone

In October 2015 we set a goal to reach 500,000 people across Scotland with CPR skills by 2020 and it felt a long way off. But thanks to the amazing work of the SALFS partners, the partnership has now equipped just under 450,000 people in Scotland with CPR awareness skills! We are over the moon to have hit this milestone and are excited to see what lies ahead for 2020 and beyond!



Star Marketing Awards



In collaboration with the Scottish Government, the Leith Agency and Daysix, the SALFS partnership have been listed as finalists in the Star Marketing Awards for use of marketing as a means of spreading CPR awareness! Since the beginning of the campaign the partnership has worked to create videos that engages, informs and educates people of all ages in Scotland. Of the people who have watched SALFS CPR awareness videos 93% reported an increase in confidence to deliver CPR, showing the power and reach of marketing in spreading CPR awareness in Scotland!

For more information on EMERGE, RRG and our team, please visit www.emergeresearch.org

Newsletter edited by Emma Nugent