



EMAIL



WEBSITE



TWITTER

Welcome



Attendees & Instructors at the first annual Irish BASIC Research Coordination course

It has been another very productive year for the ICC-CTN, and we would like to thank everyone on our team, our network and sites for their super work and support throughout 2023.

This newsletter summarises our progress and milestones over the last year, as well as taking a look at what 2024 has in store for our network.

This year has brought about progression within our governance structure and work packages, and our core team has grown. We have also received great funding news this year, engaged in and organised some wonderful events and conferences, presented and published study results with important impacts on clinical practice, and incorporated the patient voice.

Most importantly, our ongoing trials are recruiting and expanding, and this is all thanks to enthusiastic and hardworking investigators, coordinators and support staff at sites around the island.

Wishing everyone a safe and happy Christmas break, and we are looking forward to what will hopefully be another fantastic year in critical care research.

Take care,
Alistair
on behalf of the ICC-CTN Executive



One of our panels from the ICC-CTN annual summer meeting: Yvelynne Kelly, Leanne Hays, John Marshall, Ewan Goligher, Steve Webb, Danny McAuley, Alistair Nichol



Dr Glenn Eastwood presents the TAME Trial results at Critical Care Reviews 2023



Irish
Critical Care
Clinical Trials
Network

Inside this Issue...



2023 News and Activities



Current Trials



Spotlight on... KEDS



Upcoming Trials

2023 News and Activities

The annual **ICC-CTN Summer meeting** was held at the Titanic Belfast this year. The success of this year's event was all thanks to our fantastic local and international speakers, panellists and engaging audience. We were treated to results presentations and lively, thought-provoking discussions throughout our Research Coordinator meeting and 3 thematic sessions on collaborative trials and methodology, boosting patient recovery, and platform trials in collaboration with InFACT.

Save the date! Next year's summer meeting will be held in Belfast on the **11th of June 2024**. We hope to see you there.



Aisling McMahon, Leanne Hays, Glenn Eastwood, Peter McGuigan, Yahya Shehabi, Mark Dennis, Craig French, Jamie Cooper



Peter McGuigan, Emma Ridley, Carol Hodgson, Kate Ainscough Lee-anne Chapple

We also coordinated and delivered the first **BASIC Research Courses** in Ireland this summer. The Clinical Research and Research Coordination courses were big successes with great attendance and feedback. A huge thank you to Shay McGuinness, Rachael Parke & Kathy Brickell for organising. We look forward to running these courses annually, so stay tuned!



Attendees & Instructors at the first annual Irish BASIC Clinical Research course

In September we launched our monthly **Thematic meetings** online for Irish investigators & coordinators participating / interested in current and upcoming studies. These meetings are grouped into two themes, on alternating months.

Theme 1 – Pandemic Resilience & Mechanical Ventilation



Theme 2 – Brain Injury, Sedation, Transfusion & Physiology.



Please [reach out](#) if you would like to join either theme!

We also participated in several conferences and meetings this year including Critical Care Reviews 2023, Monash University's Collaborative Clinical Trials in Intensive Care Medicine Conference in Prato, and the World Health Organisation Colloquium on the lessons of COVID-19 for Global Acute Care in Toronto this October.

Many thanks also to the HRB Trials Methodology Research Network and PPI Ignite for facilitating and collaborating with our network in events and trainings this year!

2023 News and Activities

The ICC-CTN were fortunate enough this year to be awarded significant national and international funding awards for projects focused on our key research priorities. Notably, we have secured 2x HRB DIFA 2023 awards (REMAP-CAP Ireland led by Alistair & BONANZA Europe led by Prof Pat Murray).

We recently announced our HRB APRO 2023 award success for our Pandemic Resilience Programme 'PRIME Ireland' led by Alistair which will see our pandemic studies funded for the next 5 years. We wish to extend a big thank you to all have been involved in these studies. We look forward to working with our network in the coming months and years.

The **ICC-CTN Early Career Researcher Seed Funding Award** was launched this year. For four years, the ICC-CTN will open a call for this scheme and encourage early career researchers based on the island of Ireland to apply for this €10 k award. Another big congratulations to Peter McGuigan who was named as our first awardee for his BP-ARREST project.



Peter McGuigan receives his award from ICC-CTN work package 4 chair Ger Curley

Spotlight on...

ICC-CTN Work Package 3 – Knowledge Exchange & Dissemination

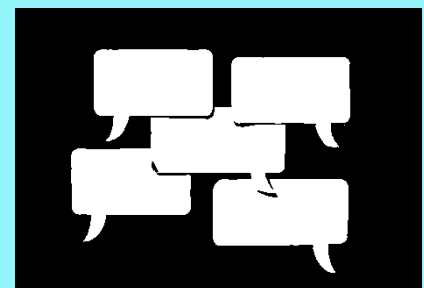
Our Knowledge Exchange & Dissemination work package is chaired by Executive Committee members John Laffey, co-chaired by Bairbre McNicholas and Jon Silversides. This work package meets quarterly to plan and action set tasks including our annual meeting, to develop training and education within the CTN, and to develop and deliver our KEDs policy and dissemination plan. Many thanks to our work package committee members for their time and efforts this year!

2023 saw us carry out two **HRB-funded Knowledge Translation Awards**, allowing us to facilitate national and international meetings, social media activity, produce reports, public-facing documents, and white papers.

The **TAME Cardiac Arrest Trial** investigators were awarded a KTA. Translation activities aimed at widely disseminating the results of the trial while building OHCA partnerships. Results were published and widely presented, [public facing documents](#) were developed, a white paper and biosample analysis plans are underway.

The **CTN Pandemic Resilience Programme** also received a KTA where activities focus on lessons learned, pandemic planning, national and international meetings and stakeholder engagement. [Public-facing documents](#) for REMAP-CAP trial results and a white paper were developed.

The [ICC-CTN website](#) has been undergoing updates this year that are now available on the website. A big thanks to Rob Mac Sweeney for his help.

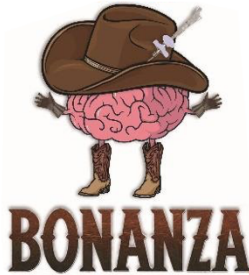


Current Studies

EPO-Trauma has reached a milestone in 2023 of 500 patients recruited globally, with the CTN coordinating European efforts. Beaumont Hospital and Cork University Hospital have together recruited over 10 patients this year. A big thank you and well done to both teams!



The **BONANZA** global trial is underway with sites recruiting and in set up globally. This year's DIFA award allows the CTN to coordinate the trial in Ireland/Europe. Beaumont will be starting the study early in the new year.



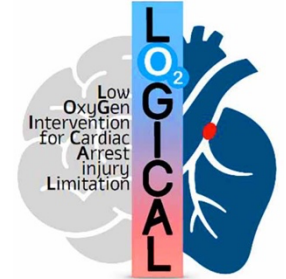
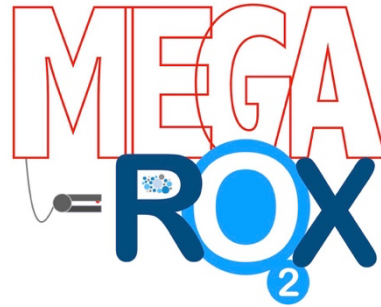
New domains have been established within **REMAP-CAP**, and new results were published this year; [ACE 2 / ARB](#), [Vitamin C](#), [Simvastatin](#), [long term outcomes](#). We have also received HRB funding to coordinate the trial in Ireland (Immune modulation in Influenza and Endothelial modulation in all CAP).



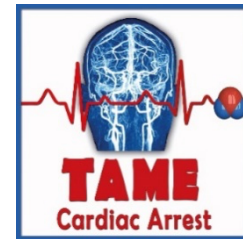
GenOMICC delivered the first ever insights into genetic factors related to critical illness and COVID-19, with [a further publication in 2023](#). GenOMICC will now explore a number of other infectious and life-threatening illnesses with the ICC-CTN coordinating this study throughout Ireland.



Mega-ROX has been recruiting steadily in Ireland this year, with additional sites to come on board in the coming months. The cardiac arrest sub-study **LOGICAL** has commenced in Ireland.



The **TAME** trial was [published in NEJM](#) and simultaneously presented at Critical Care Reviews in June. A wonderful achievement for all involved! Many thanks to our Irish sites for a fantastic job recruiting throughout the pandemic.



SPRINT-SARI has transitioned to a non-pandemic mode and data are now being collected on an annual basis by Irish sites.



The **PHIND** study led by Danny McAuley met its recruitment targets in September. Congratulations to Danny and the team!



Data analysis has been underway this year for observational studies **NUTRIENT & COVID Nutrition**. Preliminary NUTRIENT data were presented at our annual meeting and reports are expected next year. Many thanks to our Irish sites for their contribution to these studies!

Please reach out if you want to express interest in these studies or learn more about our PPI activities

iccctn@ucd.ie

If you are interested in taking part in an industry study, please get in touch

Upcoming Studies



Sedation, Temperature and Pressure after Cardiac Arrest and Resuscitation



Platform of Randomised Adaptive Clinical Trials in Critical Illness



Threshold for Platelets; A prospective randomised trial to define the platelet count below which critically ill patients should receive a platelet transfusion prior to an invasive procedure



Precision medicine Adaptive Network platform Trial in Hypoxemic acute respiratory failure, led by Prof Danny McAuley



SODium BICarbonate for Metabolic Acidosis in the Intensive Care Unit: A multicentre, randomised, double-blind clinical trial



Sedation Practice in Intensive Care Evaluation IV; Early Sedation with Dexmedetomidine in Older Ventilated Critically Ill Patients



Fluid or vasopressors in Emergency Department Sepsis



Anaemia management with red blood cell transfusion to improve post-intensive care disability



Randomised trial of a supraglottic airway device versus tracheal intubation during in-hospital cardiac arrest

Join our thematic sessions to learn more and please feel free to get in touch if you might be interested in participating in any of these new or ongoing trials in the new year.

Merry Christmas!

From the ICC-CCTN



Irish
Critical Care
Clinical Trials
Network