

Newsletter



Issue 17: August 2018

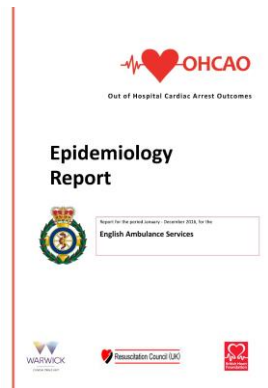
Out of Hospital Cardiac Arrest Outcomes

That time of year again...

Terry is busy cleaning, analysing and summarising your 2017 data. We have received 20,380 cases already – please make sure to send us your data by the end of August!

In this year's report you will again find a comparison to the previous years' data. As the years add on, the comparisons become more and more exciting!

We worked on our processes and had another big push in the beginning of this year to optimise our work streams to ensure that you will receive the reports at the earliest opportunity. If you ensure that you send your data as soon as possible and that your data is accurate, it will help us!



BHF and RC(UK) funding extension

We are delighted to announce BHF and RC(UK) have agreed to continue funding the registry for the next 5 years.



Resuscitation Council (UK)



2018 AQI implementation

Thank you for your hard work with Scott in readiness to submit your OHCA AQI data! Scott and our programmers prepared our database for your AQI submissions. The updated OHCAO web application is now live and ready for your first submissions in August! This update includes a new function which calculates and summarises your AQI data before you save to the OHCAO database. OHCAO can then submit your AQI data directly to NHS England on your behalf.

ERC Congress 2018

The OHCAO team is delighted that so many of you have been able to take up the offer of the £1000 bursary to attend the ERC Congress in Bologna with us. We are looking forward to seeing you there!



RESUSCITATION 2018
New technologies in resuscitation
20 - 21 - 22 September • Bologna • Italy

The team will be presenting OHCAO research at the ERC conference, so look out for their talks and posters!

OHCAO showcase document

We are proud to present to you a summary of our past achievements and an outlook to the future. OHCAO has achieved a lot in the first 5 years of its funding: We received vast amounts of data, currently 126,438 cases in total. This data was cleaned and analysed for annual epidemiology reports, and used in a number of projects. Projects were conducted by the OHCAO team and by external teams. Data was even shared internationally, as in EURECA 1 and 2. We thank you for your continuing cooperation, without your contribution our projects would not be possible!



WARWICK
Out of Hospital
Cardiac Arrest Outcomes
(OHCAO) Registry
Review of the first 5 years
and forward strategy

You had already seen the electronic version, and this month we have posted paper copies of our shiny new showcase document to you.

Website Development – Watch this space!

We have long been thinking about how we can make our data easily accessible and understandable for the public. In the next months we will be developing interactive infographics that we will publish on our website: <https://warwick.ac.uk/fac/sci/med/research/ctu/trials/ohcao>



Update - Current research using the OHCAO registry

1. Analysis of bystander CPR

The paper identified the characteristics of neighbourhoods with high incidence of out-of-hospital cardiac arrest and low bystander cardiopulmonary resuscitation rates in England. The paper has been accepted for publication in European Heart Journal - Quality of Care & Clinical Outcomes (doi.org/10.1093/ehjqcco/qcy031).

2. Attitudes to CPR Survey

This summer we plan to conduct a second YouGov survey to look at numbers of members of the general public who are trained in CPR and PAD use and their levels of confidence in performing CPR and using PADS. A paper reporting the results of the 2017 survey is under review.

3. Sex inequalities

The objective of this study is to explore the difference in the number of resuscitation attempts observed between men and women suffering from out of hospital cardiac arrests. The analysis is ongoing.

4. Pre hospital adrenaline administration for OHCA

An analysis on prehospital administration of adrenaline for out-of-hospital cardiac arrest in England and Wales is being conducted using the findings from the PARAMEDIC randomised controlled trial and the OHCAO registry. The paper is currently being drafted.

5. OHCA in schools

An epidemiological observational study aiming to establish the incidence and demographics of school based out of hospital cardiac arrests. Identifying in particular, the number of schools in the West Midlands with an AED on site and the number of school-based AEDs which are known to the West Midlands Ambulance Service. Paper is currently being drafted.

6. Critical care team study

The study aims to understand pre hospital critical care for out of hospital cardiac arrests. Does it work, how does it work and how much does it cost? This study is still in progress.

7. OHCA in international airports

Addressing out of hospital cardiac arrest survival in international airports. A retrospective cohort. Paper has been published in Resuscitation (doi.org/10.1016/j.resuscitation.2018.03.024).

EuReCa Two

The data you have submitted was transferred to the EuReCA study team on the 23rd March. It is currently being analysed by the EuReCa Two team and results and publications are expected later this year.



There is an open EuReCA Two session at the ERC conference in Bologna this year, so please come along and join the discussion!

New Senior Project Manager and new Trial Manager

We will miss Dr Sukhi Dosanjh as our Senior project manager, who left Warwick CTU in June. In her place, we are delighted to welcome Scott Regan into the role. We are also saying goodbye to Emma Skilton, who has joined a different study at Warwick CTU. Karoline returned from maternity leave to be our OHCAO trial manager.

Karoline is contactable on 02476 572725 or via the OHCAO email address ohcao@warwick.ac.uk.

Changes to site teams?

If any of the clinical audit team who work on the OHCAO project, the Medical Director or other staff member who is acting as the project's Principal Investigator leave their post for pastures new, please remember to inform the OHCAO team. This will allow us to update the site files and delegation forms, as well as the appropriate approvals and protocol amendments; secure web site access and email contact lists.

Please contact the OHCAO project team at Warwick Clinical Trials Unit on email ohcao@warwick.ac.uk