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Cardiff and Vale University Health Board

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CEDAR
Centre for Healthcare Evaluation, Device Assessment and Research

CEDAR: Centre for Healthcare Evaluation, Device Assessment and Research

Quarterly Bulletin

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CEDAR is committed to supporting patient-centred, evidence-based care through research and evaluation of health interventions, technologies, and NHS services.

IN THIS ISSUE

CEDAR News

- Congratulations to Hawys Waddington and Rob Palmer for winning the Clinical Board's Equality, Diversity and Welsh Language award for their work across Wales in providing bilingual resources to support inclusivity in value-based healthcare.
- In May, Judith White, Ruth Poole and Susan Peirce attended the Research and Development Forum conference at the Celtic Manor, Newport. This was a very interesting few days of talk about managing clinical research studies from across the UK, and an opportunity to network with others working on similar projects. CEDAR posters were presented on running Clinical Investigations of Medical Devices; an Allied Health Professional clinical/academic research partnership with the Podiatry department; and Setting up a Process Evaluation alongside a Randomised Controlled Trial, with staff as participants.
- Several members of the CEDAR team have been on carbon footprinting and sustainability in quality improvement (SusQI) courses, run by the Centre for Sustainable Healthcare, to better equip the team in incorporating sustainability considerations into our projects.
- Christina Lloydwin has been accepted onto the Welsh Crucible course, consisting of three intensive two-day workshops which aim to facilitate network building, forge collaborations and enhance researchers' professional profiles.
- CEDAR is delighted to announce that the PREMIERE study ('**P**atient **R**eported **E**xperience **M**easures **i**n Vascular Surg**er**y **E**nhancement Study') has received ethical approval. The study aims to develop a PREM specific to vascular surgery patients and is in collaboration with vascular colleagues Miss Maram Darwish and Mr David Bosanquet in Cardiff and Vale UHB. Read more about the study on our website here.
- We are delighted to share that the ADAPT-Sepsis trial has now reached its recruitment target of 2761 participants. CEDAR is carrying out a mixed-methods process evaluation of the trial, called PREADAPT-Sepsis.
- CEDAR's research lead, Judith White, attended the Critical Care Reviews 2024 annual meeting in Belfast in June with Matt Wise, Jade Cole, and Helen Hill from the UHW Critical Care team. This meeting is an opportunity to hear the findings of high profile critical care trials such as A2B, BLING III, and HEMOTION. Judith, Helen and Jade are pictured above.

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PROJECT HIGHLIGHTS

OECD (Organisation for Economic Co-operation and Development)

CEDAR is supporting the WVIHC in their role as the Welsh National Project Manager for the OECD PaRIS (Patient-Reported Indicator Surveys) initiative. The study involves 19 nations and aims to help understand outcomes and experiences of adults living with chronic conditions, who are managed by GPs. CEDAR has been involved in data collection sampling strategies and translating surveys into Welsh. Data collection in Wales ended in 2023, resulting in data from >1600 primary care providers and 100,000 patients across the World, of which 75 practices and >12,000 patients were from Wales. This makes it the largest international survey on patient-reported measures globally and the first outcome-based health benchmarking study from the OECD. The next biannual international meeting will be held in Paris in May to discuss methods for standardising data internationally for country-to-country comparisons to inform the flagship report (expected 2025). A Welsh delegation attending the meeting consists of staff from the WVIHC, DHCW and CEDAR.

IQ Endoscopes

CEDAR is conducting a feasibility evaluation of implementing a single-use gastroscope (IQ Endoscopes), considering sustainability and value within the Cardiff and Vale University Health Board (UHB). The project was commissioned as part of phase 2 of the Endoscopy Challenge which is being led by Cardiff and Vale UHB and supported by a grant from the Cardiff Capital Region (CCR). This evaluation integrated data from a rapid literature review on the sustainability of single-use endoscopes, surveys and discussions with clinicians and service managers, endoscopy clinic observations, and an analysis of routine data sets. We aimed to map the current gastroscopy service within the health board, identify where a single-use gastroscope could be beneficial, and assess the impact on costs, patient experience, waiting lists, and staff and resource utilisation. A significant focus was placed on the environmental impact of adopting a single-use gastroscope compared to reprocessing a reusable one, including carbon footprint calculations and a lifecycle analysis of a reusable gastroscope.

NICE Early Value Assessment (EVA) of Digital Technologies for Psychosis

CEDAR is pleased to have contributed to the NICE EVA guidance on digital technologies (HTE17) to help manage symptoms of psychosis and prevent relapse in adults and young people. The purpose of the EVA was to map the evidence that is available for multiple digital technologies available for managing psychosis. CEDAR assessed the clinical- and cost-effectiveness of technologies, with the aim of informing recommendations on the conditional use of the technologies in the NHS while further evidence is generated. NICE's guidance suggested that three digital health technologies can be used in adults, while more research is needed for their use in young people. The guidance suggested that evidence generation should focus on various outcomes including changes in symptoms, rates of relapse, adverse events and resource use. The full recommendations are here: NICE Psychosis EVA Guidance.

Workstream Showcase – Medical Device Regulations

Megan Dale (Principal Health Economist) and Ayesha Rahim (Senior Researcher) discuss CEDAR's Medical Device Regulation expertise:

CEDAR has a wealth of expertise in medical device regulation and market authorisation, including CE and UKCA marking. Recently, CEDAR has been conducting internal training to update our knowledge of changes to CE Mark regulations and the introduction of the UKCA mark after the UK left the EU. Additionally, with the use of digital technologies rapidly increasing in healthcare (including apps and web-based software), CEDAR has been familiarising itself with the Digital Technology Assessment Criteria (DTAC) which is a national criteria for digital health technologies being adopted in the NHS. CEDAR routinely gives advice to clinicians, as well as organisations such as the National Institute of Health and Care Excellence (NICE), on regulatory matters and issues to inform clinical trials, evaluations and adoption of medical devices in the NHS.

STAFF SPOTLIGHT

In this issue's Staff Spotlight, we speak to Senior Researcher, Michael Beddard:

Tell us a bit about you and your role: I joined CEDAR as a Senior Researcher almost 3 years ago, having previously worked as a poisons specialist for the National Poisons Information Service. My work in CEDAR is very varied, but mostly involves qualitative research related to service evaluations, patient and public involvement, and research. I also have the very important task of planning our team socials which are always a lot of fun!

What 3 words would you use to describe CEDAR?
Collaborative, Talented and Impactful

What is your favourite part of your job?
Meeting a wide variety of interesting people through interviews and focus groups, and learning about their lives and experiences.

Choose a superpower:
To be a human wall at the net when playing doubles tennis!

What is a fact about you that people would be surprised by?
I used to be a gymnast and competed in several large competitions and shows.