



NEWSLETTER

Issue 1

30th September
2024



Developing medical devices, diagnostics and digital technologies to improve surgical care.

Welcome to the first HealthTech Research Centre in Accelerated Surgical Care newsletter. We hope you enjoy this first edition of our new quarterly newsletter.

Forming Collaborations

The NIHR HealthTech Research Centre in Accelerated Surgical Care is part of the NIHR and hosted by Leeds Teaching Hospitals NHS Trust in partnership with University of Leeds.

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<http://hrc-surgical.nihr.ac.uk>

Bringing new surgical technologies to those who need them most by ensuring our activities and reach are inclusive and reflective of the needs of underserved groups.

Building capabilities in the generation of evidence for HealthTech and improving knowledge of market access requirements

Our Research Themes

- **Theme 1 – Early Diagnosis and Personalised Care**
- Theme 2 – Minimally Invasive Therapies and Extended Realities
- **Theme 3 – Assisted Healing and Rehabilitation**
- Timely clinical evaluation
- **Accelerated NHS translation Observatory**
- Sustainability & NHS net carbon zero



Leeds becomes the first hospital in the UK to benefit from revolutionary technology for patients with brain tumours thanks to charity funding

Leeds Hospitals Charity has invested £150,000 to fund state-of-the-art equipment at Leeds Teaching Hospitals NHS Trust that can more effectively diagnose brain tumours in real-time during an operation. This means that more of the tumour can be removed, whilst keeping healthy brain tissue safer.

The Zeiss Convivo Pathology Suite allows Neurosurgeons to use innovative new technology to produce high quality images of tumours from inside a patient's brain, in real-time. Pathologists can view these images as a livestream from anywhere in the world. This means that they can make a quicker and more accurate diagnosis during surgery and advise surgeons to remove as much of the tumour as possible with minimal damage to healthy cells surrounding it.

Thanks to donations, Leeds is pioneering the use of this technology in the UK, which could benefit up to 300 patients across Leeds Children's Hospital and Leeds Teaching Hospitals NHS Trust every year.



**Article accepted for
British Journal Surgery
Theme 2- Minimally Evasive
Therapies & Extended Realities**

Collaborative Proceedings Piece
'Management of subcutaneous
abscesses: Prospective cross-sectional
study (MAGIC)'



Health Secretary of State & Social Care Visit

Wes Streeting, Health Secretary of State and Social Care visited St James's University Hospital on 6th August 2024. During his visit he saw the new MRI Simulator in the cancer centre, he then received a demonstration of the interactive 3D hologram technology, developed by HoloCare which aims to reduce the risk of surgical complications for patients and improve their overall outcomes by using AI enabled headsets, surgeons and their teams can view 3D holograms of a patient's organs, so they can plan for surgery more efficiently and effectively. Wes Streeting also saw a demonstration of a new device which spots and destroys liver cancer tumours using focused ultrasound waves without damaging healthy tissue. This technology developed by Histosonics offers a safer alternative to radiotherapy, the company hope to extend the treatment to other organs in the future. He rounded of his visit by visiting the groundbreaking Centre for Laboratory Medicine.

Asian Professional National Alliance (APNA) NHS

Dr Sunil Daga HRC EDI Lead has been awarded Digital Leader for his outstanding contribution to EDI Using Technologies category at the annual APNA Conference.

Round 2 of the NIHR Undergraduate Internship Programme

[Round 2 of the NIHR Undergraduate Internship Programme](#) is now open for applications with a deadline of 7th November 2024.

This scheme provides funding for early to mid-career researchers only to host up to 3 interns. Interns will undertake a fully funded and flexible placement in the area or discipline they are interested in pursuing, whilst the applicant will have an opportunity to gain valuable supervisory and grant application experience.

Are you an early-mid level career researcher? You can now apply to host up to 3 interns and gain valuable supervisory and grant application experience with the NIHR Undergraduate Internship Programme.

The scheme provides funding for early to mid-career researchers with a PhD (or equivalent demonstrable years of experience) to host up to 3 interns on placements for up to 8 weeks. More information can be found in the guidance notes [here](#).



Clinical Innovation Advisory Network

Medipex is looking to build a network of healthcare professionals from a range of roles and grades who are occasionally willing to provide feedback on unmet needs and new ideas. If you would like to support healthcare innovation in the area of your expertise, please join our Clinical Innovation Advisory Network by filling out the form below. We do not anticipate contacting you more than 2-3 times per year and will not use your contact details for any other purpose, unless you give us express permission to do so.

More information can be found here [Medipex services – Training and networking](#)

Research Internship applications now open (NHS England NE&Y)

Hosted by Sheffield Hallam University on behalf of NHS England in the North East and Yorkshire, the Integrated Clinical and Practitioner Academic Internship scheme is now open for applications for our next intake which will commence on 5th February 2025 and complete in October 2025

About the Internship opportunity

The Internship is the foundation programme of the NIHR Integrated Clinical and Practitioner Academic career development pathway, please see: <https://www.nihr.ac.uk/explore-nihr/academy-programmes/hee-nihr-integrated-clinical-and-practitioner-academic-programme.htm>.

Closing date: 5pm 22 October 2024

NIHR Impact prizes: Opens 3rd October 2024

Enter our first ever NIHR Impact Prizes and be recognised nationally for the impact of your research.

[Sign up to our webinar](#) on 3 October to find out more.

Our brand new NIHR Impact Prizes will celebrate researchers and teams who have maximised the impact of their research and whose research has transformed people's lives or promoted economic growth. The Impact Prizes are open to those who have received NIHR funding or support across the range of areas NIHR funds, including health, public health, social care, and global health research.

Key dates

- 3 October 2024: Applications open and webinar for applicants
- 13 November 2024: Applications close
- February 2025: Notification of outcome
- March 2025: Winners will be announced at an in-person award ceremony

Events



The events calendar is now available on our [website](#), this will be populated with events that might be of interest.

You can subscribe to the calendar so that you are notified of events.

[Innovation Champion Network: Refresh](#) - Online

October 9 2024

[Quantum Sensing in Predictive Health and Early Diagnosis Workshop](#) - London

October 10 2024

[Research Governance for PIs and Delivery Teams](#) - Online

October 11 2024

[NIHR Doctoral and Advanced Fellowship support sessions – How to develop a good fellowship application](#) - Online

October 16 2024

[NIHR Doctoral and Advanced Fellowship support sessions – Training and Development plan and the Person of the 3Ps](#) - Online

October 24 2024

[NIHR Doctoral and Advanced Fellowship support sessions – Patient and Public Involvement and Engagement \(PPIE\)](#) - Online

October 25 2024

[Getting the most out of IRAS](#) - Online

October 28 2024

[The Yorkshire Post Health and Life Sciences Business Breakfast 2024](#) - Leeds,
Wednesday 20 November 2024

[National HealthTech Series](#) - Online

November 2024 - March 2025

Save the date

[SurgTech 2025](#) - Leeds

April 3 & 4 2025

HealthTech funding opportunities

The following are funding streams that are suitable for collaborative applications with the HealthTech Research Centre in Accelerated Surgical Care.

We advise all potential applicants to discuss their potential applications well in advance of the application deadline.

[i4i Fast Award](#) - Call 4 - 2 October 2024

[NIHR Horizon Scanning Centre \(NIHR HSC\) Recommissioning](#)
- 05 November 2024

[Wellcome Career Development Awards](#) - 26 November 2024

[NIHR i4i Product Development Awards Call 29](#) – 05 December 2024

[Health Technology Assessment \(HTA\) Programme Researcher-led \(evidence synthesis\)](#) - 08 January 2024

[Health Technology Assessment \(HTA\) Programme Researcher-led \(primary research\)](#) - 08 January 2024

[NIHR i4i Connect Call 9](#) - 18 February 2025

Funding streams with no time limits

Efficacy and mechanism evaluation programme – fast-track scheme

Global Innovation Fund

British Heart Foundation New Horizons Grants

Cardiovascular Small Meetings & Events Funds