

## Surgical MedTech Cooperative

# NEWSLETTER

April 2023

Edition 19

Welcome to the latest issue our quarterly newsletters. We are one of 11 national MICs funded by the National Institute for Health Research. Based in Leeds, we are a national network of clinicians, scientists, industry, patients and public working together to advance the care of patients with Colorectal, Vascular, Neurosurgery & HPB diseases. For more information on what we do, please contact [surgicalmic@leeds.ac.uk](mailto:surgicalmic@leeds.ac.uk)

### Histolog® Scanner plays part in BBC2 Saving Lives

Watch our very own neurosurgeon Mr Ryan Mathew perform surgery in the BBC2 series Saving Lives in Leeds.

Over eight episodes, the series meets a group of world-leading doctors and surgeons at Leeds Teaching Hospitals NHS Trust as they battle through their ever-increasing waiting lists to transform the lives of their patients and decide who to treat next

The episode featuring Mr Mathew (episode 7) was originally aired on 12<sup>th</sup> April and is now available on the BBC [iplayer](#).



## 4MD (Multi-Modal Manufacturing of Medical Devices) Report published

Professor David Jayne & Mr Ryan Mathew feature in 4MD report with their Ultrashort Pulsed Laser Resection for Brain Cancer Treatment project.

The 4MD Platform Grant, supported by EPSRC and a range of medical and industrial partners has funded 19 separate projects on topics as diverse as drug dosage detection; lipoedema mobility sensors; devices for picosecond laser surgery, and ultrasound in a needle for positioning epidurals. These projects have led to c £11.3M of follow-on funding for translational research and development of medical devices, including the ERDF-funded medical device manufacturing centre (MDMC). [Read more.....](#)



## Shape the Future of Research

On Wednesday 5 July, the NHS will celebrate its 75th birthday. To mark 75 years of the NHS, the NIHR is joining the national celebrations throughout 2023. We'll be highlighting and celebrating how the research funded by NIHR contributes to the NHS and how it saves lives and money. All of us can shape the future of healthcare by being part of research, the NIHR funded research makes this possible.

On 5 July, our NHS will be 75 years old #NHS75. Celebrate how the research by @NIHRresearch contributes to the NHS, saving lives and money. Join the campaign to #BePartOfResearch and help shape the future of healthcare. Check out the campaign [here](#)





## Emergency General Survey Symposium

A free one day seminar focussing on the delivery of Emergency General Surgery and current practices in the UK. The Seminar aims to bring together collaboratively the EGS community, share knowledge and consider the potential future opportunities in this rapidly developing and evolving surgical sub-speciality. The programme includes an opportunity to hear from leading centres in the country regarding their practice and service set-up, network, and hear from leaders of novel service delivery solutions and virtual platforms [Register here.....](#)



Royal College  
of Surgeons  
of England

## Understanding regulations of AI and digital technology

Learn what regulations to follow and how to evaluate effectiveness, whether you're a 'developer' of AI and digital technology or an 'adopter' who will buy or use them in health and social care.



## Surgical Clinical Trial Development Workshop

From a research idea to surgical trial and how to do it

- ❖ Do you have a research idea that you want to turn into a surgical clinical trial?
- ❖ Multidisciplinary team of statisticians, surgeons, methodologists and health economists, as well as other experts will help with your idea.
- ❖ This meeting will be an interactive workshop where we will help with; Establish Evidence, Trial Design, Outcomes, Systematic Review, Clinical Trial Unit introductions, Survey of Practice, PPI, Greener Operations [Register here.....](#)

## Endoscopy Survey

Are you interested in sharing your thoughts on the barriers and facilitators to colonoscopy? Do you have an interest in technologies in endoscopy? If you perform colonoscopy or are training in colonoscopy, we would love to hear from you. As researchers at the University of Leeds, we have developed a survey to explore endoscopist's perceptions on the barriers and facilitators to colonoscopy, as well as a new technology that could potentially make the procedure easier. Your feedback on the new device would be greatly appreciated. The survey takes approximately 15 minutes to complete. Click on this [link](#) to learn more and participate in the survey. Thank you for your time and contribution to our research!



## PPI Survey

Are you interested in sharing your experience and thoughts on colonoscopy? Whether you've had a colonoscopy before or have declined to have one, we would love to hear from you. As researchers at the University of Leeds, we have developed a survey to explore perceptions on the barriers and facilitators to colonoscopy, as well as a new technology that could potentially make the process easier. Your feedback on the new device would be greatly appreciated. The survey takes approximately 15 minutes to complete. Click on this [link](#) to learn more and participate in the survey. Thank you for your time and contribution to our research!



## Surgical MIC Toolkit

Our ability to support your technology is largely dependent on your stage on the translational pathway. Our objectives are to shorten the translational pathway for those solutions where it is possible, and to provide a real time example of the steps and questions that are important for medical technology development and the factors that are important for the NHS.

This toolkit should help you understand how the Surgical MIC can work with you and the outputs you can expect at each stage of your translational journey. [Read more.....](#)



## Public & Research Involvement Forum

Our Public Research Involvement Forums take the form of virtual coffee/tea sessions and the aim is to create a space for members of the public interested in medical and clinical research to come together and have a chat. Each Forum is hosted by a member of the public that is currently involved in medical technology research, and they loosely steer the conversation in a broad theme.

Watch this space for more dates for future events.

Missed any of our public and research involvement forum webinars, watch them [here.....](#)



## Webinars Available on our YouTube Channel

We have held our first three webinars as part of our ongoing commitment to being inclusive, ensuring we reach as wide an audience as possible. You can watch these webinars at any time on our YouTube channel.

<https://www.youtube.com/channel/UCj741Qkhga90WxT0p4MG3WA>



## **Upcoming Events**

Wounds Research Industry Master Class

Call for expression of interest

2<sup>nd</sup> Emergency General Surgery Delivery, MedTech & Innovation Symposium

Leeds 8<sup>th</sup> June 2023

Leading Healthcare Innovation Summit

London 23<sup>rd</sup> May 2023

MedTech Innovation Expo

Birmingham 7-8<sup>th</sup> June 2023

Society for Vascular Surgery 2023 Annual Meeting

Maryland, USA 14-17<sup>th</sup> June 2023

EBME Exbo

Coventry 28 – 29<sup>th</sup> June 2023

Clinical Trials Training for Investigators

Liverpool, 18<sup>th</sup>-22<sup>nd</sup> September 2023

European Society for Vascular Surgery Annual Meeting

Belfast 26-29<sup>th</sup> September 2023

SEHTA 2023 International MedTech Expo & Conference

London 3<sup>rd</sup> November 2023

## **Save the Date**

NIHR Surgical MIC National Meeting SurgTech 2023

Leeds, Nov 2023

IDEAL 2024 Conference

Leeds March 2024 (TBC)

## **Funding Collaborations**

[NIHR Joint Industry call with i4i, EME and HTA – The development and evaluation of predictive algorithms using Artificial Intelligence \(AI\)](#)

[Surgical MedTech Co-operative Funding Competition 2021/22](#)

[Notice of Special Interest \(NOSI\): BRAIN Initiative: Translation of Groundbreaking Technologies from Early-stage Development through Early Clinical Study via Blueprint MedTech](#)

Closes 21 June 2024

[NIHR i4i FAST \(Funding At the Speed of Translation\) Awards Pilot Scheme – Rolling deadline Innovator Awards](#)

No time limits

[Pancreatic Cancer Scotland – Pump Priming Research Grants](#)

No time limits

[Efficacy and mechanism evaluation programme – fast-track scheme](#)

No deadline

[Healthcare Technologies: Call for Investigator-led Research Projects](#)

No deadline

[British Heart Foundation New Horizons Grants](#)

No deadline

[Ad-Venture Grant Funding for SMEs](#)

[Macmillan research grants scheme](#)

[Cardiovascular Catalyst Awards](#)

[Joint funding with the British Israel Research Academic Exchange](#)

[Cardiovascular Small Meetings & Events Funds](#)

Talk to us if you would like academic or clinical input, patient and public involvement or some support with project coordination and management. Please allow sufficient time for this.

## Core team

Clinical Director: Professor David Jayne

Deputy Director: Mr Aaron Quyn

Vascular Theme Led: Professor Julian Scott

Hepatobiliary Theme Lead: Professor Giles Toogood

Scientific Director/ Nanotechnology Theme Lead: Professor Steve Evans

Robotics Lead: Professor Pietro Valdastrì

Engineering Lead: Dr Peter Culmer

Programme Manager: Vee Mapunde

Project Manager: Roxane Dumitrache

Project Manager: Sheila Boyes