

# Surgical MedTech Cooperative NEWSLETTER

January 2019

Edition 4

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*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 & HPB disease. For more information on what we do, please contact [surgicalmic@leeds.ac.uk](mailto:surgicalmic@leeds.ac.uk)*

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## National Meeting 2018

‘Smart Surgery for Tomorrow’s NHS’

Smart surgery was the topic for our first National Meeting, as big data, artificial intelligence, informatics, etc are gaining prominence in the research field. Other sectors have used virtual reality, augmented reality and decision-making tools to benefit their customers, and our question was "how do we harness these technologies to benefit patients?"

The post event report is now available on our website click [HERE](#) to read more.

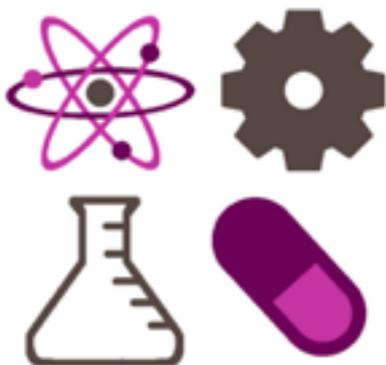
Your feedback is extremely important to us, it helps us improve our events. If you have not already done so we would be truly grateful if you could complete a short survey on your experience, it will only take a couple of minutes <https://www.surveymonkey.co.uk/r/QV3XKX5>



## £6m funding boost for UK ultrasonic surgery project

A University of Glasgow led research group has received £6.1 million of EPSRC funding to look at new ways to use ultrasonic tools for complex, robot-assisted surgery.

Over the course of the next five years, the 'Surgery enabled by ultrasonics' project, which also includes the universities of Birmingham, Edinburgh, Leeds and Southampton hope to significantly advance the surgical adoption of ultrasonic technologies.



## MedTech Foundation

MedTech Foundation National Meeting (funded by the NIHR Academy): Thursday 24th January 2019.

The purpose of this event is to showcase what the Foundation does on a national scale, with the NIHR, leaders from each MIC and early career members from all the spokes nationally attending.

To register for the event please use this link: <https://mtf-national.eventbrite.co.uk>

## New funding scheme to support clinical research capacity

The MRC has launched a new funding scheme today which will provide full-time NHS consultants, who are research-qualified but not active, the opportunity to participate in high-quality, collaborative, research partnerships.

The Clinical Academic Research Partnership (CARP) scheme will enable clinicians to contribute to research programmes as part-time co-investigators rather than programme leads.



## PPI Strategy

Our Patient and Public Involvement and Engagement (PPI/E) Strategy is now finalised and has been submitted to NIHR for review.

The strategy sets out our vision, commitment and approach to PPI/E in research. It underpins our commitment to embed patient experience into medical technology research.

To view the strategy follow the link below <http://surgicalmic.nihr.ac.uk/patients-the-public/>

## Imaging Innovations: Clinicians & Academics Knowledge Exchange

On Tuesday, 13 November 2018 we hosted a workshop with the EPSRC-funded Medical Image Analysis Network (MedIAN) in Leeds. The aim of the workshop was to increase cross sector collaborations for medical imaging. If you have an interest in the following:

- detailed morphology and analytics for aneurysms.
- collaboration for quantum dots and visualisation (using holograms).

Then please contact us and we can facilitate collaborations with industry and academics.



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## Big Bowel Event 2018

We took part in the Bowel and Cancer Research event, where we presented the case for “Harnessing medical technologies to improve diagnosis, treatment and management of continence. We also hosted breakout sessions in the afternoon on this topic and discussed various points including widening patient and public involvement in our work.



<https://www.bowelcancerresearch.org/big-bowel-event-2018-whats-on>

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## Medical Technology Guidance now released by NICE

As digital health technologies develop at an increasing pace, we've worked with partners to develop standards that ensure new technologies are clinically effective and offer economic value.

The aim of these standards is to make it easier for innovators and commissioners to understand what good levels of evidence for digital healthcare technologies look like, while meeting the needs of the health and care system, patients, and users.

We've created these standards as part of a working group led by NHS England. The group also includes:

- Public Health England
- MedCity
- DigitalHealth.London



## Enterprise Singapore Delegation to Leeds



**YORKSHIRE & HUMBER**  
ACADEMIC HEALTH SCIENCE NETWORK

In November we co-hosted a networking event for Enterprise Singapore where we spent the day introducing Singaporean companies to the NIHR infrastructure in Leeds and collaboration opportunities. Companies, clinicians and academics had the opportunity to discuss potential collaborations in the afternoon. A couple of initial discussions are now underway and we look forward to updating our MIC Associates on these. This event was facilitated by the Yorkshire and Humber AHSN.

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## VERN Dragon's Den 2018

This year we sponsored a proof-of-concept prize at the Vascular & Endovascular Research Network Dragon's Den event held at the Vascular Society Annual Scientific Meeting in Glasgow.

We would like to congratulate Mr Owain Fisher (Coventry & Warwickshire) who will investigate the role of purine nucleosides in lower ischaemia

<http://vascular-research.net/dragons-den/>



We rounded off the calendar year by attending the Medical Technology Parliamentary Reception at Westminster in London in December. This was part of the Medical Technology Awareness Week which is an annual event aimed at raising awareness of medical technology and issues patients have accessing the most appropriate medical technology.

As a focal point of the week's events the Medical Technology Group brings together at parliament a range of stakeholders including parliamentarians, NHS representatives, clinicians, patients, patient groups, industry and other interested parties.

<https://mtg.org.uk/medtech-week/2018-2/>

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## New technologies for incontinence



Since 2014 IMPRESS has been funded by a partnership between the National Institute of Health Research (NIHR) and the Engineering and Physical Sciences Research Council (EPSRC). This first phase of funding drew to a close at the end of 2018 but the work of IMPRESS continues. Going forward the faecal incontinence work will be managed by the Surgical Medtech Cooperative under their Colorectal Theme.

During 2019 IMPRESS will forge ahead, developing a number of projects in partnership with the Surgical MedTech, using their industry links to help translate incontinence technologies further towards patient benefit.

<http://impress-network.com/>

## Funding Opportunities

[Testing new medical technologies in the NHS: apply for funding](#)

***Closing Date 30<sup>th</sup> January 2019***

[Grow MedTech Proof of Market Awards](#)

***Closing date 31<sup>st</sup> January 2019***

[Bowel Cancer UK Project Grant upto £75K](#)

***Closing Date 31<sup>st</sup> January 2019***

[NIHR: 18/173 Digital Technologies to Improve Health and Care](#)

***Closing Date 19<sup>th</sup> March 2019***

[The Jean Shanks/Pathological Society \(JSPS\) Clinical Lecturer Support Grant](#)

***Closing date 1<sup>st</sup> April 2019***

[Bowel Cancer UK Pilot Study Grant upto £25K](#)

***Closing Date 31<sup>st</sup> May 2019***

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

***Closing date - no time limits***

[Grow MedTech - De-risking & Converging Medical Technology](#)

***Various funding call with varying closing dates***

[Wellcome Trust - Innovator Awards](#)

***Closing date - no limits***

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.

## Upcoming Events

**Innovation Workshop: Technology to Support Young People during Transition**  
Birmingham Research Park Wednesday 9<sup>th</sup> January 2019

[MedTech Foundation Expansion Meeting](#)

24<sup>th</sup> January 2019 Horizon Leeds, Brewery Wharf Leeds LS10 1JR

[British Transplantation Society 2019](#)

Harrogate Convention Centre Wednesday 6<sup>th</sup> to Friday 8<sup>th</sup> March 2019

[The ASiT International Conference](#)

ICC Belfast 22<sup>nd</sup> - 24<sup>th</sup> March 2019

[UK Continence Society 26<sup>th</sup> Annual Scientific Meeting](#)

24<sup>th</sup> - 26<sup>th</sup> April 2019, Renaissance City Centre Hotel, Manchester

[Digital Health Technology Show 2019](#)

12<sup>th</sup> March 2019 ExCel Royal Victoria Dock, London E16 1XL

[MedTech Innovation Expo](#)

NEC Birmingham 15<sup>th</sup>-16<sup>th</sup> May 2019

## SAVE THE DATE

**Surgical MedTech Cooperative National Meeting**

**Date: 19<sup>th</sup> November 2019**

**Venue: Cloth Hall Court, Quebec Street, Leeds LS1  
2HA**

**Registration via Eventbrite opening soon**

### 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

Biosensing Lead: Professor Paul Millner

Programme Manager: Vee Mapunde

Project Manager: Anita Blakeston

Project Manager: Sheila Boyes

[www.surgicalmic.nihr.ac.uk](http://www.surgicalmic.nihr.ac.uk)

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