NIHR | Trauma Management MedTech Co-operative

NEWSLETTER

Issue 001

Welcome to the Trauma Management MedTech Co-operative (MIC)

I'd like to offer everyone a very warm welcome to the first newsletter from the new NIHR Trauma Management MedTech Co-operative. Sitting at my desk shortly after midsummer's day, deleting emails as one does, I spotted one just in time from the NIHR CCF with a letter attached. The decision that we had been successful in our application to become one of the new NIHR MedTech and In Vitro Diagnostic Co-operatives was excellent news!

We had extensive discussions about what should be in our application, in particular, whether we should expand our areas of clinical focus. In the end we stuck with Trauma, it remains an area of extensive unmet need and although the HTC had been running for over four years there were many projects still in the pipeline.

The feedback from our application was very positive and most welcome. For a small, highly dedicated, team to have supported 86 grant applications (39 of them successful), recorded over 200 interactions with industry, clinicians and academics, signed 87 confidential disclosure agreements and supported over £125,000,000 of grant income is a remarkable achievement.

There are, as ever, areas which can and will be improved. The new MedTech Co-operative has streamlined clinical themes with a much stronger PPI team and an enhanced cross cutting theme structure. The Co-operative will continue to be housed in the new Institute of Translational Medicine in Birmingham with unparalleled access to research support teams, clinical academics and scientists. The Co-operative will share its Director with the new ERDF funded Medical Devices Testing and Evaluation Centre (MD-TEC) and will be able to offer extensive usability, regulatory and clinical trial support to industry.

The new Medical Device Regulations, Brexit and the complexity of translating successful technology from research into routine NHS usage are significant challenges. However, the Trauma Management MedTech Co-operative can meet those challenges with our strong and experienced team, excellent links to other NIHR funded schemes (locally and nationally) and consistent support from Birmingham Health Partners, we are looking forward to another 5 successful years.

Tom Clutton-Brock

Clinical Director

Trauma MIC Launch Event - 07/02/2018

Hosted within the Institute of Translational Medicine, our launch event will take place next month, featuring a range of guest speakers and presentations.

A special edition of our newsletter, specifically covering the launch event, will be circulated soon after to keep you in the loop. We will also be live Tweeting during the event, so be sure to follow us (Twitter handle can be found within the footer).

Our History - HTC to MIC

JAN 2013

Commencement of the NIHR Trauma Management Healthcare Technology Co-operative (HTC)

Healing Foundation Centre for burns research launched at UHB

Development of bone debridement tool with industrial partner in Sheffield

Joint Trauma/wound prevention HTC event

JAN 2014

Successful NIHR Invention for Innovation application with University of Warwick and International Industry partner

Joint EPSRC/HTC awards: Unify – University of Birmingham

Joint EPSRC/HTC awards: Surgical Robotics – Imperial College and Leeds HTC

Engagement with 100 industrial contacts

First NIHR Trauma HTC summer Internship programme

Post market clinical follow-up for Patient attached blood gas monitor with Cambridge based Industrial partner

Completion of Phase I development of concussion detection device with Nottingham based SME

JAN 2015

Leveraging of £60 Million grant/ commercial funding

IP filed for novel ventilator supported by HTC

MRC DPFS successful grant submission for regenerative technology

One year extension to the NIHR Trauma HTC

5 grant applications to NIHR Invention for Innovation under Trauma Call

JAN 2016

Commencement of PPI work stream on research consortium in Nottingham

UK referendum on European Union membership (Brexit)

Dr Tom Clutton-Brock Named in Top 100 Health MedTech Innovators

Re-Launch of Surgical Reconstruction and Microbiology Research Centre

Usability study for Urine capture device with London based SME

JAN 2017

Launch of the ERDF Medical Devices Testing and Evaluation Centre (MD-TEC

Application to the NIHR for Trauma Management MedTech and In vitro Diagnostics Co-operatives

Patient videos for NIHR Invention for Innovation application

Legislation and change to Medical Device Regulations (MDR) from Medical Device Directive (MDD)

Joint sepsis awareness and idea generation event

Department of Health announcement at the Institute of Translational Medicine, University Hospitals Birmingham of successful MedTech and In vitro Diagnostics Cooperative applicants

MedTech Co-operative to host NHS Scientist Training Programme students

JAN 2017

Commencement of the NIHR Trauma Management MedTech Co-operative (MIC)

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News

REXBIONICS & MOSELEY HALL HOSPITAL

The Trauma MIC has been collaborating with RexBionics on the development of an exoskeleton to aid early mobility in critical care patients.

This project will involve a series of usability studies and surveys with patients, relatives, carers and physiotherapists to help outline the potential prototype to ensure the end device is easy to use, clean, robust, and comfortable.

Over the past few months we have aided a usability study at Moseley Hall Hospital, comprising of healthy volunteers (physiotherapists and occupational therapists working within the hospital) to explore how REX can support the rehabilitation of stroke patients.

For further information please visit:

http://www.bhamcommunity.nhs.uk/about-us/news/latest-news/robo-rehab/

http://www.rexbionics.com/

NEWLY DEVELOPED MEDICAL DEVICE DRIVING LICENCE (MDDL)

The Medical Device Driving Licence transferred ownership from MHRA (Medicines and Healthcare products Regulatory Agency) to NAMDET (National Association of Medical Device Trainers and Educators) at the start of 2016. Since then work has been undertaken to further develop modules and to add new content.

The MDDL is an e-learning course for health professionals which provides a certification of proof of completion and competence for generic devices. Certain modules have been accredited for continuing professional development (CPD) points by some institutions. The University of Birmingham is currently looking to promote MDDL as a CPD programme.

Find out more information on the MDDL here:

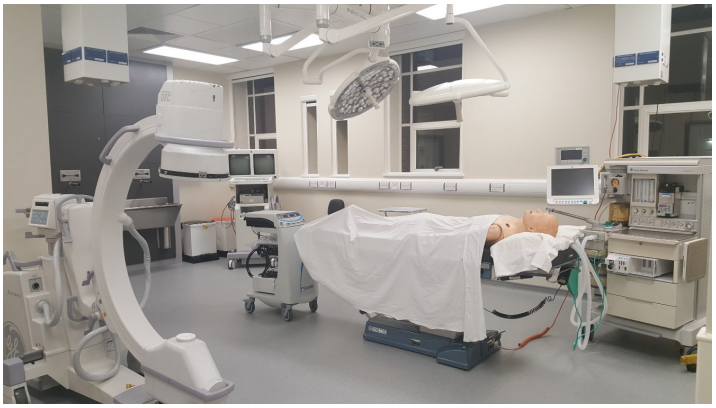
http://namdet.org

http://mddl.org.uk

MEDICAL DEVICES TESTING AND EVALUATION CENTRE (MD-TEC) LAUNCH EVENT

Housed within the Institute of Translational Medicine at University Hospitals Birmingham NHS Foundation Trust (Queen Elizabeth Hospital), MD-TEC will be hosting its launch event on 17/01/2018.

MD-TEC is part funded through the European Regional Development Fund Programme 2014 – 2020, and aims to boost the life science economy in Birmingham and its surrounding areas, acting as a central space to accelerate the development of medical innovations for small and medium-sized businesses.



The centre comprises of a simulation operating theatre, ward space, and state-of-the-art laboratories. Commencing January 2018, MD-TEC will host a schedule of workshops covering all aspects of medical device commercialisation with access to industry and academic experts.

https://www.birmingham.ac.uk/news/latest/2017/11/new-centre-for-medical-technology-development.aspx

MEDTECH EUROPE FLOWCHARTS ON NEW REGULATORY REQUIREMENTS

Last September, MedTech Europe published two flowcharts to help navigate the requirements of the medical devices (MD) and in vitro diagnostic (IVD) regulatory frameworks during the transition from the existing 3 EU directives, to two new regulations. The various processes are mapped, showing what needs to be followed in order to CE mark and maintain a product on the European market.

These flowcharts provide a high level overview of the requirements stated under the In Vitro Diagnostic Medical Devices Regulation 2017/746/EU, and the Medical Devices Regulation 2017/745/EU, both of which came into force on 25th May. Both of these Regulations bring a number of improvements, helping to modernise the current systems for medical devices and in vitro diagnostics.

To allow manufacturers and authorities to adapt, a transition period of 3 years has been allowed for the MD Regulation (spring 2020) and 5 years for the IVD Regulation (spring 2022).

Upcoming Events

JANUARY

17 MEDICAL DEVICES TESTING AND EVALUATION CENTRE (MD-TEC) LAUNCH EVENT

Institute of Translational Medicine, University Hospitals Birmingham NHS Foundation Trust (Queen Elizabeth Hospital)

11:30—15:00

https://www.eventbrite.co.uk/e/medical-devices-testing-and-evaluation-centre-md-tec-launch-event-tickets-41281918329

23-25 THE MEDTECH FORUM 2018

The Egg, Brussels

http://www.medtecheurope.org/node/1061

FEBRUARY

7 NIHR TRAUMA MANAGEMENT MEDTECH CO-OPERATIVE LAUNCH EVENT

Institute of Translational Medicine, University Hospitals Birmingham NHS Foundation Trust

https://www.eventbrite.co.uk/e/nihr-trauma-management-medtech-cooperative-tickets-39612209184?ref=estw

MARCH

1 NIHR SURGICAL MEDTECH CO-OPERATIVE LAUNCH EVENT

Leeds Art Gallery

12:30—18:00

http://colorectal.htc.nihr.ac.uk/upcoming-meetings/nihr-surgical-med-tech-cooperative-launch/

13-14 DIGITAL HEALTH TECHNOLOGY SHOW 2018

ExCeL London, Royal Victoria Dock, 1 Western Gateway, London E16 1XL

http://www.digitalhealthtechshow.com/

APRIL

25-26 **MED-TECH INNOVATION EXPO**

Ricoh Arena, Coventry

https://www.med-techexpo.com/

25-26 **NAIDEX 2018**

NEC, Birmingham

http://naidex.co.uk/

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