NIHR | Trauma Management MedTech Co-operative

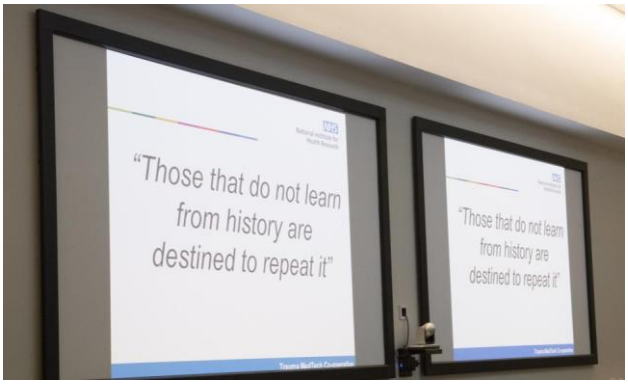


NIHR Trauma Management MedTech Co-operative (NIHR Trauma MIC) Launch Event 07/02/2018

The NIHR Trauma MIC team would like to thank everyone who attended our launch event. We saw a great turnout and we would like to pay a special thanks to all of our speakers who were crucial to the day's success.

Upon gathering your comments made on the day, and within our post-event survey, we are glad to hear that you found the programme's content to be informative, interesting and engaging. Particular praise was directed towards the talks focusing on the challenges and unmet need within trauma, and the Patient and Public Involvement (PPI) panel discussion based around experiences of our patient advocate (Michael Clough) and the important role PPI plays within research.

Dr Nick Crombie, Associate Medical Director and Consultant Trauma Anaesthetist, University Hospitals Birmingham NHS Foundation Trust

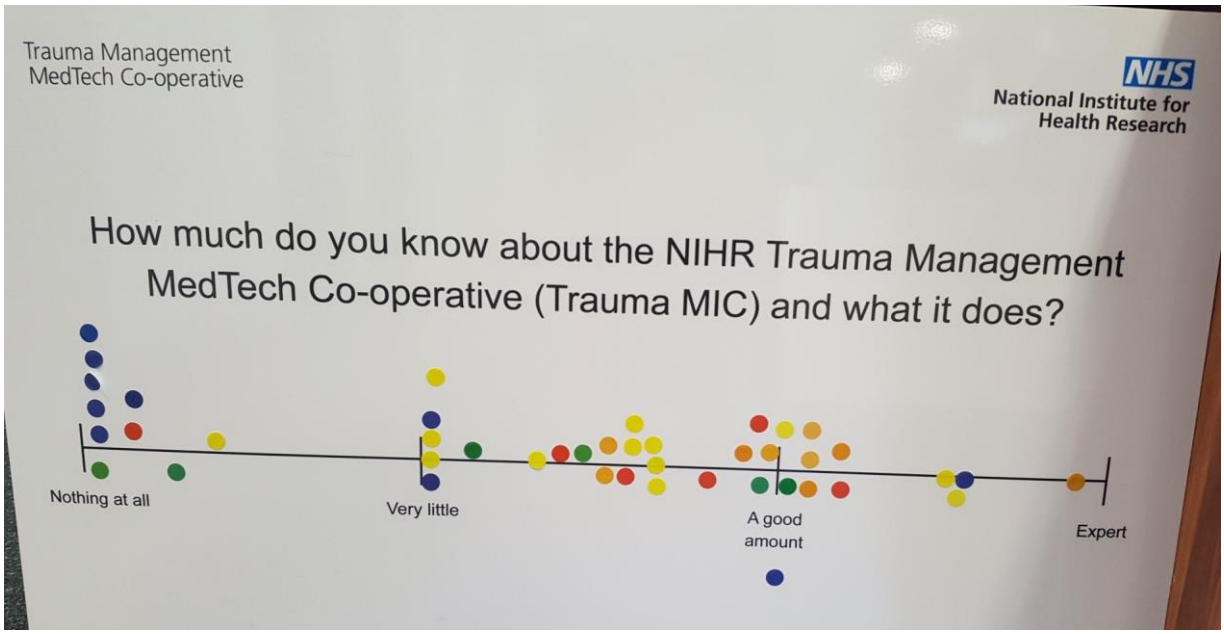


L-R: **Michael Clough,** ex British Army Corporal, war veteran amputee; **Hilary Brown,** Senior Fellow, University of Birmingham; **Claire Stephens**, Founder and CEO, WoundCare4Heroes; **Dr Margaret O'Hara**, Patient & Public Involvement & Engagement in Research Lead, University Hospitals Birmingham NHS Foundation Trust

Graffiti Board Feedback

Three A1-sized graffiti boards, each posing a different question, were dotted around the venue in order to gain valuable insights from delegates.

Board 1: Current working knowledge of the NIHR Trauma MIC



KEY

- Patient/Public/Carer
- Industry
- Clinicians/Healthcare
- Academia
- NIHR

We were keen to assess delegates' current working knowledge of the NIHR Trauma MIC. Attendees self-identified into 1 of the 5 groups (explained in the key above) to help us identify where the gaps exist. We found that patient/public/carers knew the least about us, which we plan to alter by forming our own trauma specific PPI group, increasing our engagement with existing PPI groups and further promotion of our outcomes. We were pleased to see that attendees from clinicians/healthcare, industry, and academia possessed a reasonable working knowledge. Based on these results, we will now look to engage with each of the 5 groups identified to raise the profile and general understanding of the NIHR Trauma MIC.

Board 2: Where is the unmet need in trauma?

Utilising the same colour-coding principle from the previous board, delegates were invited to place a sticker within the area they felt was unmet and unrepresented within trauma.

The top 5 areas are listed on the right-hand side ⟶

These views will form part of the priority setting exercise that the NIHR Trauma MIC will progress over the coming months.

Rehabilitation Medicine

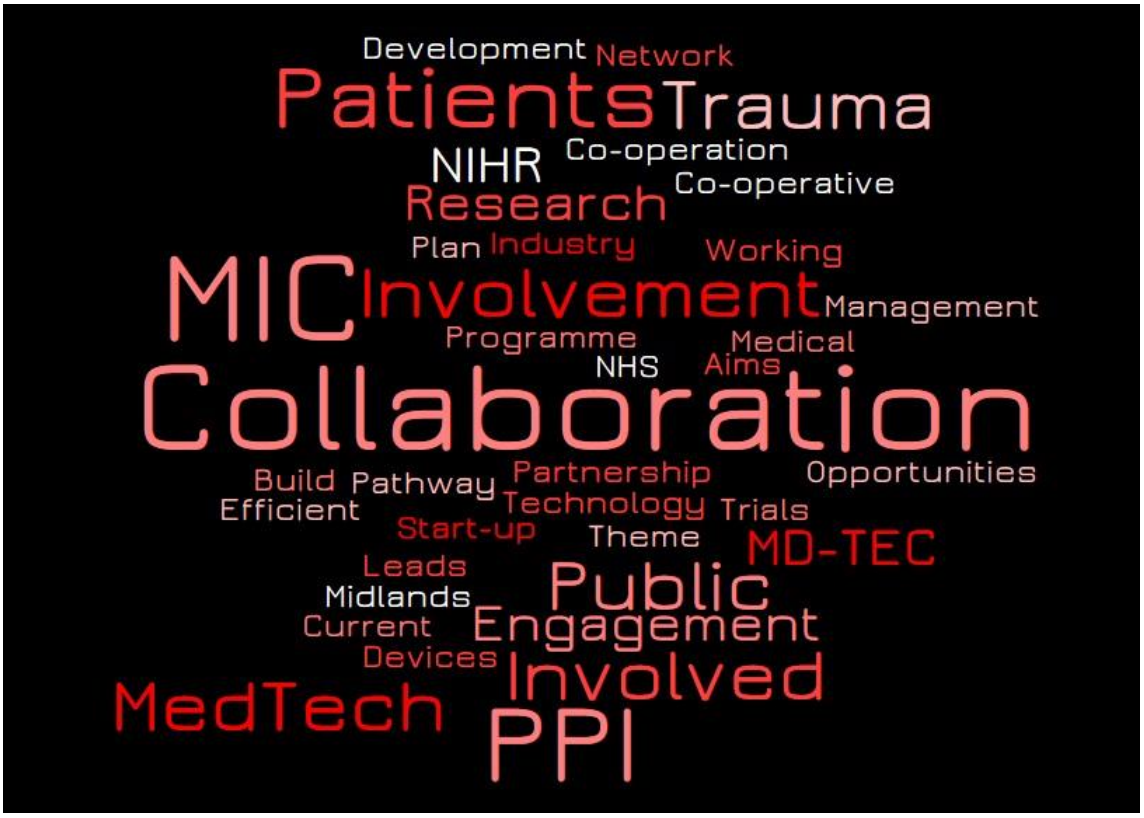
Patient Reported Outcomes

Patient and Public Involvement

Human Factors

Diagnostics

Board 3: Learning outcomes following the launch



Our final board asked attendees to note what they intended to learn from the launch. The above graphic was generated, filtering the most frequently used words.

Two main categories were noted:

1. How patients/the public can get more involved.
2. How NIHR Trauma MIC will collaborate/engage with their existing and potential stakeholders.

Further responses included:

- the current management of trauma
- more information on MD-TEC (Medical Devices Testing and Evaluation Centre)
- NIHR Trauma MIC's overview, pathway, aims, and information on the theme leads
- NIHR Trauma MIC's offering
- how industry can engage with the NIHR Trauma MIC
- medical devices; start-up of trials

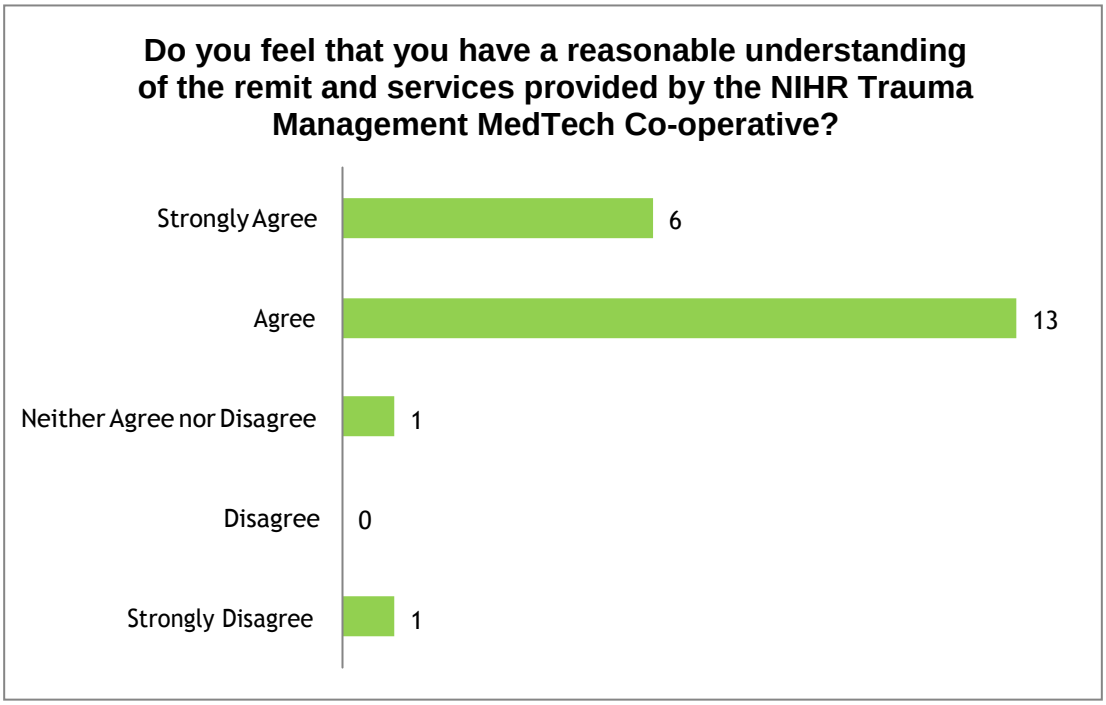
These questions were monitored regularly, allowing us to feedback answers to the audience throughout the day. If you would like to gain further information, please contact us via the details on the final page.

Post-Event Survey Results

Thank you to everyone who completed our short post-event survey. Your feedback, positive and negative, is valued.

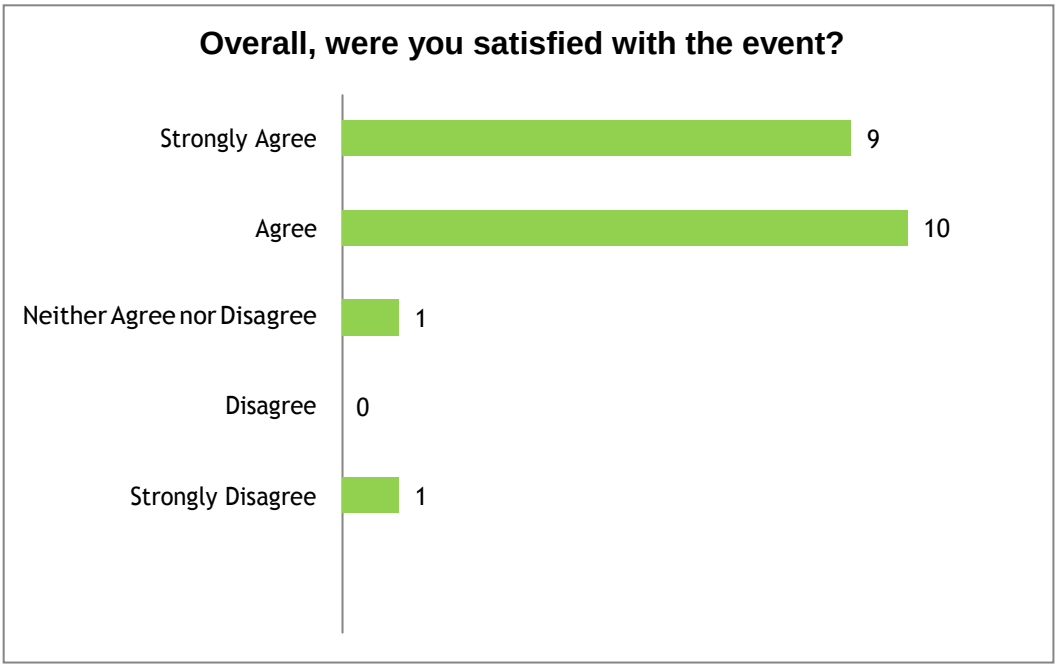
We were pleased to see that the majority of respondents felt they possessed a good understanding of the NIHR Trauma MIC and its remit.

In comparison to the first graffiti board on page 2, which had a large number of plot points between '*nothing at all*' and '*a good amount*', it is encouraging to see that the survey results are concentrated around *'agree'* and '*strongly agree'.*



Although the majority of respondents were satisfied with the event, we did receive feedback, both on the day and within the survey, regarding the temperature of the venue.

We apologise for any discomfort which may have been caused due to the faulty air conditioning. This issue has been relayed to the relevant team.



Social Media

Thank you to everyone who tweeted #TraumaMIClaunch, during the course of the day. We received great representation from a wide range of accounts. A few of the most popular Tweets are featured below:

Louise Wood and 2 others liked

UHB @uhbcomms · Feb 7

We'll be tweeting throughout the day at the launch of our new @OfficialNIHR Trauma Management Co-Op #TraumaMIClaunch

13 11

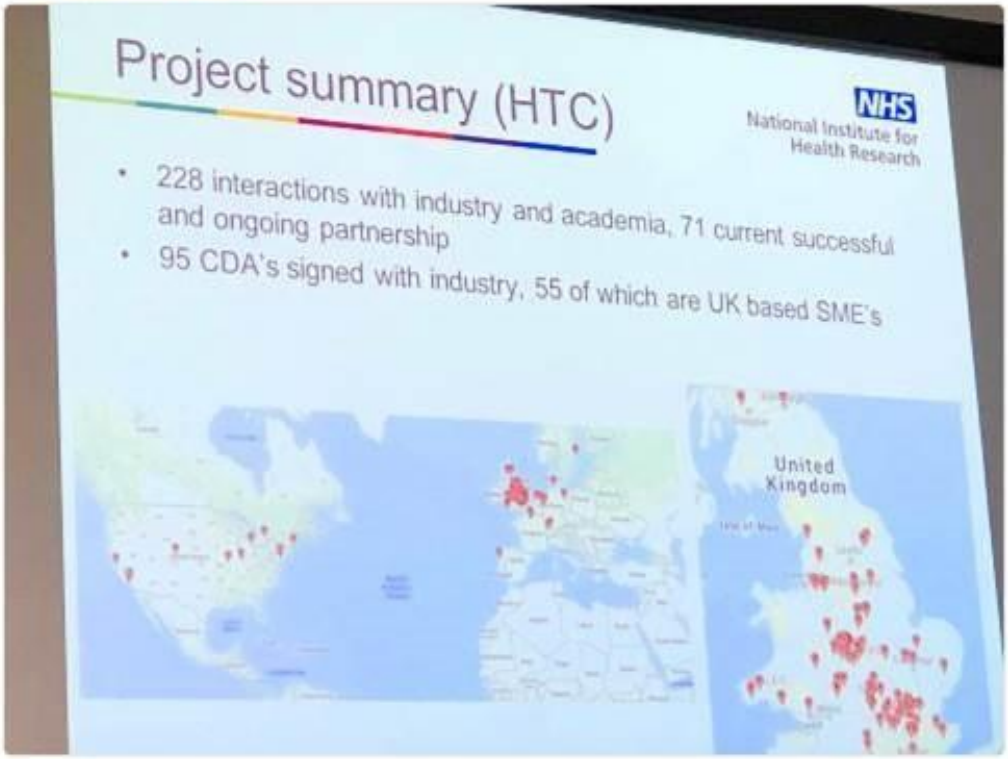
Cyptech MIC @cypmedtech · Feb 7

Nathan Moore showcasing the work of @OfficialNIHR at the #TraumaMIClaunch Pleased to be part of this today to see how the Trauma MIC and Cypmedtech can collaborate together #Innovation #Medtech #children

7 5

Dr Nick Crombie @DrNickCrombie · Feb 7

Proof that the U.K. is still the centre for industry involved research - we need to capitalise on this and keep pushing evidence based trauma care forward #TraumaMIClaunch



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Upcoming Events

MARCH

6-13 CHINA LIFE SCIENCES MARKET ACCESS ROADSHOW 2018

Various

Various

ktn-uk.co.uk/news/china-life-sciences-market-access-roadshow-2018

13-23 SPRING EXPO

Aston Villa Football Club

10:00 - 15:00

www.greaterbirminghamchambers.com/networking-events/events-calendar/listing/gbcc-spring-expo-2018/

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/

Upcoming Events For SMEs

MARCH

1 NIHR ROADSHOW FOR MEDICAL TECHNOLOGY SMES

Daresbury, WA4 4FS

09:30 - 15:30

www.eventbrite.co.uk/e/nihr-roadshow-for-medical-technology-smes-tickets-42074073687

MEDICAL DEVICES TESTING AND EVALUATION CENTRE (MD-TEC) WORKSHOPS

MD-TEC are hosting a schedule of workshops covering all aspects of medical device / technologies commercialisation with access to industry and academic experts. Please note that to be eligible for their support, your business must meet the definition of a **small to medium sized enterprise and** be located within the **Greater Birmingham and Solihull Local Enterprise Partnership (GBSLEP).**

Topics to be covered include:

Clinical Investigations for Medical Devices

This workshop will allow you to have a detailed look at which medical devices need a clinical investigation, how to apply for regulatory body approval, what a medical device trial entails and costs involved. As such, you will gain an understanding of the requirements the new MDR (Medical Device Regulations) poses for clinical investigations of medical devices and how this will affect your company.

Navigating the MDR (Medical Device Regulations)

The MDR (Medical Device Regulations) and IVDR (In Vitro Diagnostic Medical Devices Regulations) are a set regulations aimed specifically at this sector and introduces a framework by which safe medical devices can be introduced onto European market. The aim of the workshop is to show you a way of navigating the regulations and the CE marking process, helping you to translate your idea to a medical device.

The Role of Human Factors Engineering for Development of Medical Devices

This workshop will provide you with an overview of human factors engineering (HFE) for medical devices, involving more than just the ergonomics aspects. By performing usability studies, the manufacturer can assure design safety and its suitability for lay users, healthcare professionals or patients. By the end of this workshop, you will be able to distinguish between different types of usability tests and understand their integration in the product development cycle.

Drug & Device Discovery and Optimisation for Clinical Development

This workshop will give a holistic overview of key aspects of developing drug products and medical devices, including: building a network to triage and nurture ideas; the regulatory pathway; establishing safety; manufacturing at scale to clinical grade; and defining relevant measures of clinical success in trials. Critically, the talk will highlight how considering the abovementioned aspects early on through relatively simple lab experiments and engagement with relevant regulatory bodies can help companies and academics innovate and get to market faster, at reduced cost and with less risk. Finally, an overview of some of the commercial considerations of medical device development will be considered.

Device Testing Using Organotypic Culture Systems

University of Birmingham in collaboration with partner Institutions have recently developed organotypic models of musculo-skeletal tissues which will be discussed at this workshop. These platforms have the advantages of in vitro systems in terms of reproducibility, and adaptability, but with a biological complexity more similar to native tissues, displaying promise for use in many research areas, from bone replacement materials to pathological research.

All of the workshops will take place within the Institute of Translational Medicine (address at the rear of this newsletter)

- A full list of workshop dates can be found via their Eventbrite page (link below).
- If you wish to attend any of the workshops, please register your attendance at the below link:

www.eventbrite.co.uk/o/medical-devices-testing-and-evaluation-centre-md-tec-15996924068

For further information contact MDTEC@uhb.nhs.uk or visit www.md-tec.com

Contact Us

- For the latest information about the NIHR Trauma Management MedTech Co-operative please visit our website
- If you have changed your contact details, or you no longer wish to receive these newsletters, please contact us on TraumaMIC@uhb.nhs.uk


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