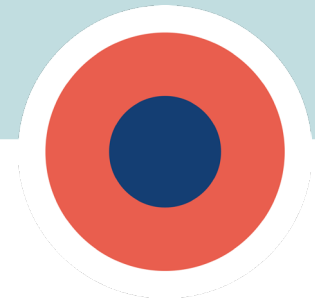
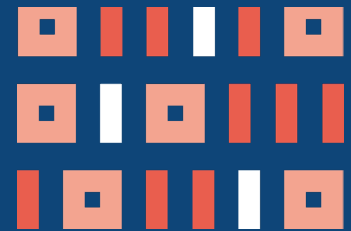


**Public Empowerment
through Patient Inspired
Innovation**

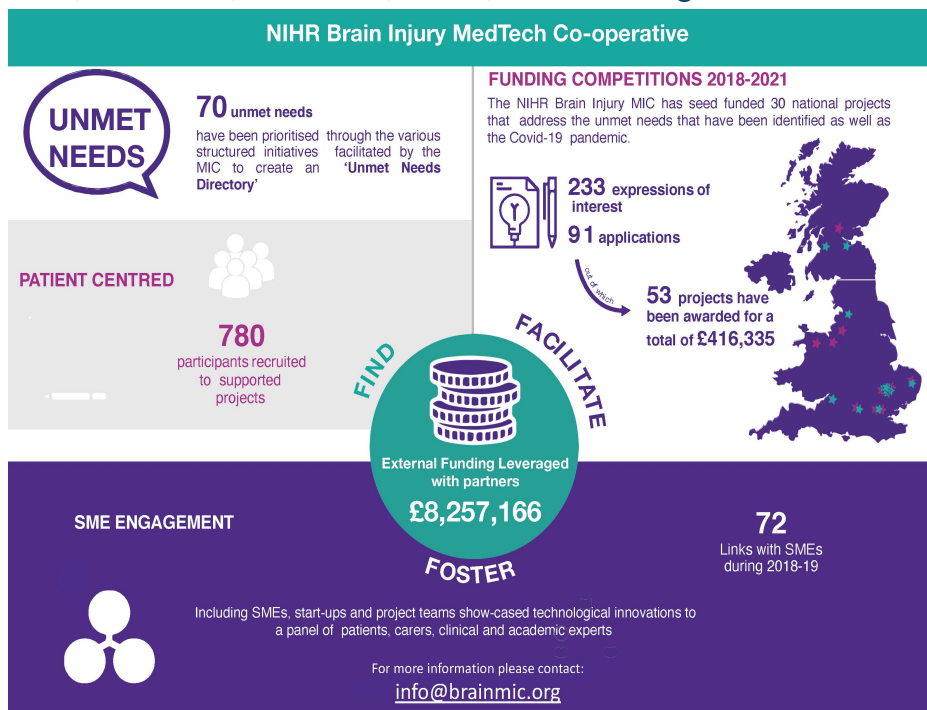


ABOUT US

The NIHR Brain Injury MedTech Co-operative is one of the eleven Medtech and In Vitro Diagnostic Co-operatives (MICs) funded by the NIHR across the country. The MICs facilitate collaboration with patients, carers, NHS, charities, academia, inventors, SMEs, business angels and medtech companies.

The MICs catalyse innovation in clinical areas of unmet needs for NHS patients and are committed to develop new concepts, demonstrate proof of principle and devise research protocols for medical devices, healthcare technologies and technology-dependent interventions.

The NIHR Brain Injury MIC builds on the significant achievement of the NIHR Brain Injury Healthcare Technology Co-operative (HTC).



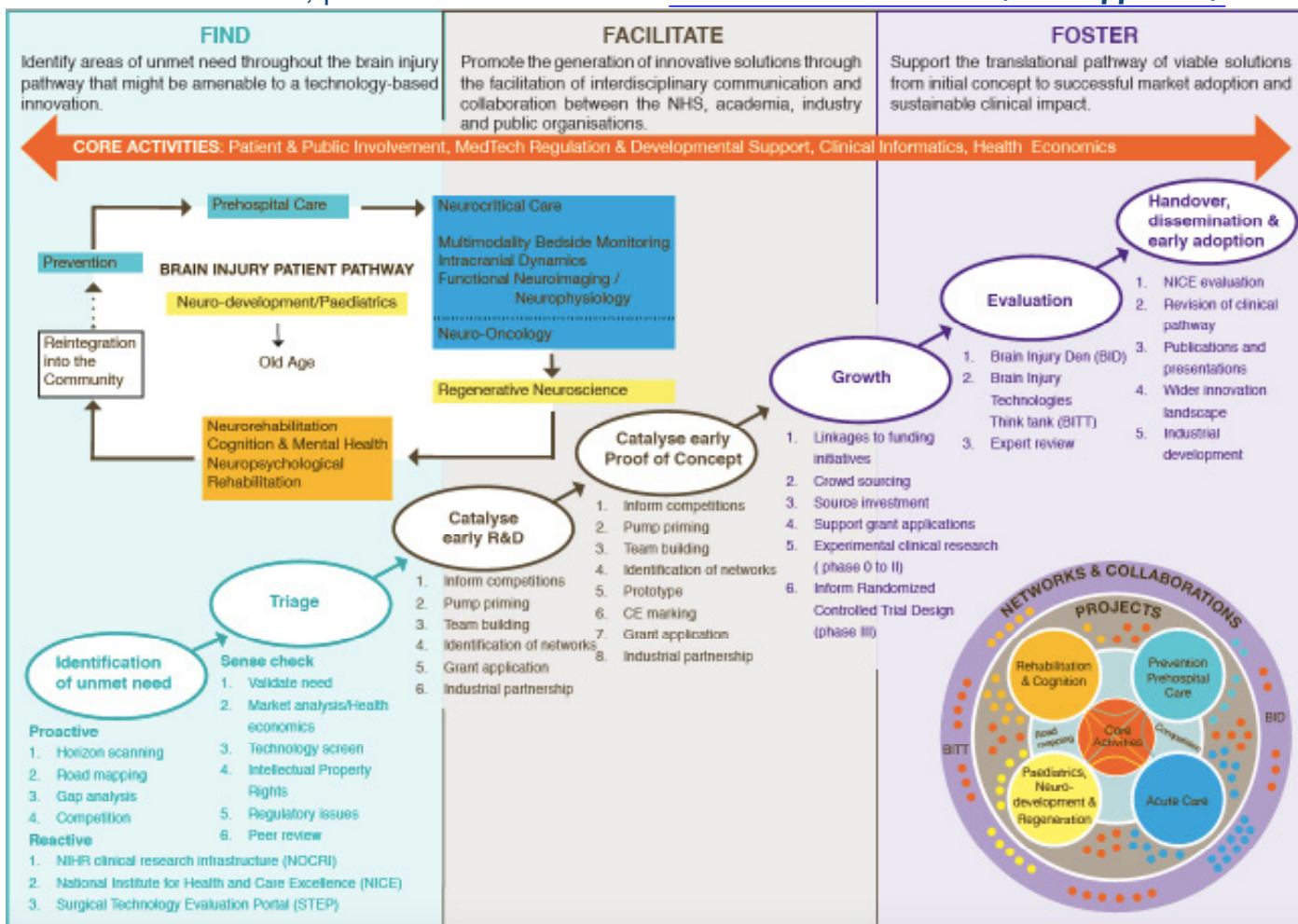
THE CLINICAL NEED

Head injury is the commonest cause of death and disability in people aged 1-40 years in the UK. Each year, 1.4 million people attend emergency departments in England and Wales with a recent head injury. Between 33% and 50% of these are children aged under 15 years (*NICE Guidance on Head Injury: Assessment and Early Management: 2017*). This lead to a range of disabilities including complete dependency and vegetative state. Even mild injuries may result in significant cognitive and emotional disability with implications for return to work and family harmony.

The UK has had a major role worldwide in the study of the management of brain injury to which the MIC contributes by establishing a collaborative environment and network between clinicians, scientists, Industry/SMEs and patients.

OUR APPROACH

The NIHR Brain Injury MedTech Co-operative aims to FIND, FACILITATE and FOSTER ideas for early stage evaluation to meet the needs of those who have been affected by brain injury. For more information, please visit our website: www.brainmic.nihr.ac.uk/Our-Approach/



THE UNMET NEEDS DIRECTORY

In 2018 the NIHR Brain Injury MIC published a directory of unmet needs available to download at this link: <https://www.brainmic.nihr.ac.uk/wp-content/uploads/2019/06/NIHR-BrainMIC-UNMET-NEED-DIRECTORY-.pdf>

THE CORE TEAM

Professor Peter Hutchinson - Honorary Director

Mr Alexis Joannides - Deputy Director & Clinical Informatics

Ms Abigail Bush - Technology Lead

Ms Mita Brahmbhatt - Programme Manager

Ms Jackie Green - Project Lead

KEY THEMES

The NIHR Brain Injury MIC provides a “go-to” centre of expertise for understanding the clinical care pathway. Our work is divided into eleven key themes led by internationally renowned experts in their respective field:

Pre Hospital and Prevention - Professor Mark Wilson

Neurocritical Care - Professor David Menon & Dr Ari Ercole

Multi-Modal Monitoring - Mr Adel Helmy and Dr Keri Carpenter

Intracranial Dynamics and Shunt Technology - Professor Marek Czosnyka & Dr Peter Smielewski

Functional Neuroimaging and Neurophysiology - Professor Franklin Aigbirhio

Neuro-oncology - Mr Stephen Price

Paediatrics and Neurodevelopment - Professor David Rowitch & Professor Topun Austin

Regenerative Neuroscience - Dr Mark Kotter

Neurorehabilitation - Professor Val Pomeroy

Cognition and Mental Health - Professor Barbara Sahakian

Neuropsychological Rehabilitation - Dr Andrew Bateman

CROSS CUTTING THEMES

In addition to the key themes, the MIC approach is also applied to core activities which are grouped in four cross-cutting themes overseen by an expert in the field:

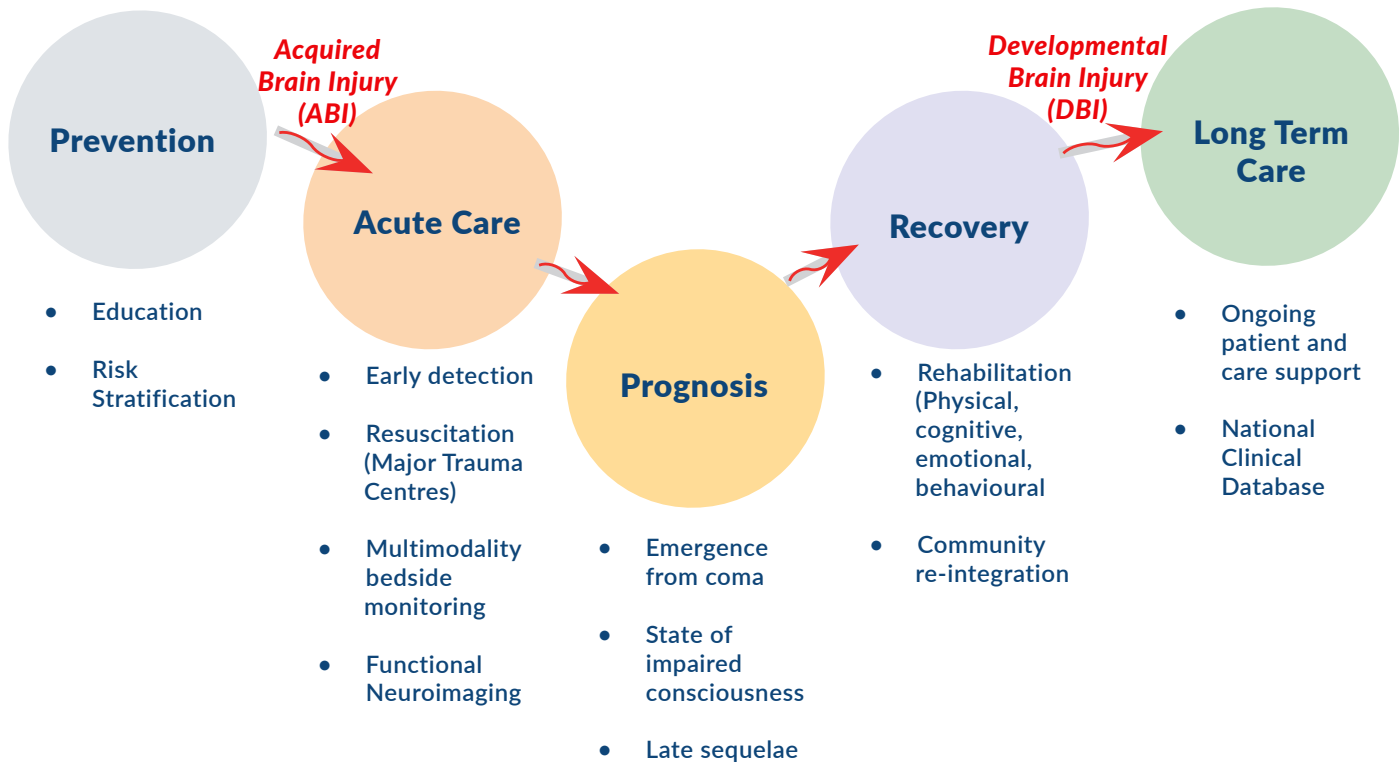
MedTech Evaluation - Dr Peter Jarritt

Clinical Informatics - Dr Alexis Joannides

Patient and Public Involvement / Public Engagement - Professor Christi Deaton

Health Economics

THE BRAIN INJURY CARE PATHWAY



PATIENT AND PUBLIC INVOLVEMENT, PARTICIPATION AND ENGAGEMENT (PPIPE)

Register for Healthcare Involvement and Technology Evaluation (RHITE)

The NIHR Brain Injury MIC has initiated the implementation of the 'Public Empowerment through Patient Inspired Innovation' vision and is committed to engaging patients and carers throughout its work programme. We believe strongly that research should focus on questions that are important to people with brain injuries, and those who care for them. To ensure that patients and carers have a voice, we invite people whose lives have been affected by a brain injury to get involved in our work.

Get involved in the work of the NIHR Brain Injury MedTech Co-operative!

We have developed a volunteer register for patients, carers and anyone interested to assist in the advancement of healthcare technologies. If you are interested in the work of the NIHR Brain Injury MIC, we invite you to join our Register for Healthcare Involvement and Technology Evaluation (RHITE). Joining the register does not commit you to do anything. Periodically we will send you our newsletter and details of any opportunities there may be to take part in Brain Injury MIC activities. These may include:

- taking part in surveys
- taking part in workshops
- getting involved in other NIHR Brain Injury MIC activities

You can register online on: <https://orioncloud.org/rhite> or by downloading a form from our website and posting a printed copy or emailing an electronic copy to us. You can also contact us at involve@brainmic.org and we will send you a hard copy of the form.

For more information and frequently asked questions about joining our register please visit: <https://brainmic.nihr.ac.uk/rhite>

GET INVOLVED IN RESEARCH!



**The NIHR Brain Injury Medtech Co-operative is delivered in partnership between
Cambridge University Hospitals NHS Foundation Trust and University of Cambridge**

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Website: **www.brainmic.nihr.ac.uk**

Twitter: **[@NIHRBrainMIC](https://twitter.com/NIHRBrainMIC)**