



**MIDLANDS
ENGINE**

MIDLANDS ENGINE HEALTH
Focus on: Rehabilitation & Trauma

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Transforming specialist rehabilitation services in the UK

The Midlands is the perfect balance of defence- and rehabilitation-focused environment, infrastructure and expertise. This makes our region the clear national leader in the rapid development and production of innovations that can transform the lives of people suffering from trauma, injury and poor health.

The Midlands is home to internationally renowned academic specialisms in rehabilitation and trauma, such as those within the National Centre for Sport and Exercise Medicine, plus a number of organisations that engage with the NHS, such as the NIHR Trauma Management MedTech Co-operative.

Just outside Loughborough is Stanford Hall Rehabilitation Estate, the focal point of our region's innovative rehabilitation and trauma ecosystem. Here, we host the UK's Centre of Excellence for Rehabilitation and Defence Medicine, the new £300 million Defence Medical Rehabilitation Centre and the soon-to-be-launched National Rehabilitation Centre (NRC) for civilian care.

The Midlands is also poised to lead the UK in the study and treatment of long Covid, enabling those suffering from this often-debilitating condition to be rehabilitated back into everyday life and work rapidly.



Miriam Duffy, Director National Rehabilitation Centre Programme & Chief Allied Health Professional at Nottingham University Hospitals NHS Trust

"The NRC is of particular regional and national importance as it will increase access to rehabilitation

beds for the NHS, and bring all the services and staff patients need for rehabilitation under one roof for improved holistic treatment and care. It will also offer

exceptional potential to undertake comprehensive research training and education for rehabilitation and, working with industry, drive new rehabilitation products into international markets. The NRC presents a once in a lifetime opportunity to transform rehabilitation and the East Midlands region is proud to lead on this work."

Darren Clark, CEO Medilink Midlands:

"The recent relocation of the military rehabilitation centre to the region, coupled with it being an established centre for trauma, makes the Midlands the place for defence medicine. This will, in turn, have positive spill-over effects in terms of advanced new treatments in public health."



Dr James Hopkinson, Joint Clinical Chair, Nottingham and Nottinghamshire CCG:

"The creation of an NHS Rehabilitation Centre will provide NHS patients with access to teams of skilled professionals working as part of a medical consultant-led team to support their

rehabilitation, enabling them to return to their daily lives. The potential benefits include greater access to care through open referrals, increased capacity for specialist rehabilitation in the region and shorter waiting times for treatment.

"We believe that the services proposed will provide better outcomes for patients and, crucially, help them get back to their lives sooner because they have received intensive rehabilitation."

Supporting patients to get back to work and independent living

Leicester and Leicestershire have been successfully identified as a High Potential Opportunities area in the field of rehabilitation. This is part of a scheme coordinated by the Department for International Trade (DIT) to identify where foreign direct investment can be attracted into emerging sectors, regions and clusters, creating new jobs and growth.

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The National Centre for Sport and Exercise Medicine East Midlands is one of three hubs, along with London and Sheffield. The NCSEM has been recognised as an International Olympic Committee Research Centre for Prevention of Injury and Protection of Athlete Health - one of just eleven around the world.

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Based at University Hospitals Birmingham NHS Foundation Trust, the **NIHR Trauma Management MedTech Co-operative** will build expertise and capacity in the NHS to support the development of new medical technologies in order to enable improved management of trauma care, from the point of injury through to stabilisation and recovery.

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VERSUS ARTHRITIS

The Midlands has **four Versus Arthritis Research Centres** in: Primary Care, led by Keele University; Pain, led by the University of Nottingham; Musculoskeletal Ageing, led by the Universities of Birmingham and Nottingham; and Sports, Exercise and Osteoarthritis, led by Nottingham University Hospitals NHS Trust and Loughborough University; as well as partnering in the Tissue Engineering and Rheumatoid Arthritis Pathogenesis Centres. In total, partners in the Midlands are delivering research excellence in six of 13 national Versus Arthritis Research Centres.

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Midlands Engine Health is a partnership between industry, the NHS, academia and the public sector; all working together to powerfully promote our region's extensive capabilities in health and life sciences. Our board aims to represent all of the Midlands health and life science sector.



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The Midlands Engine is a coalition of Councils, Combined Authorities, Local Enterprise Partnerships (LEP), Universities and businesses across the region, actively working with Government to build a collective identity, to enable us to present the Midlands as a competitive and compelling offer that is attractive at home and overseas. Copyright © 2020 The Midlands Engine, All rights reserved.

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