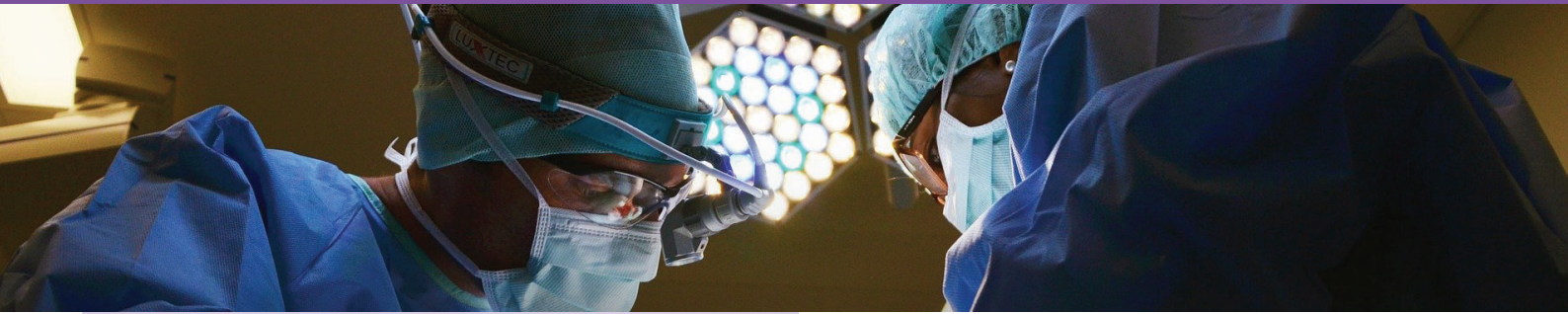


# MIDLANDS ENGINE HEALTH

## Focus on MedTech

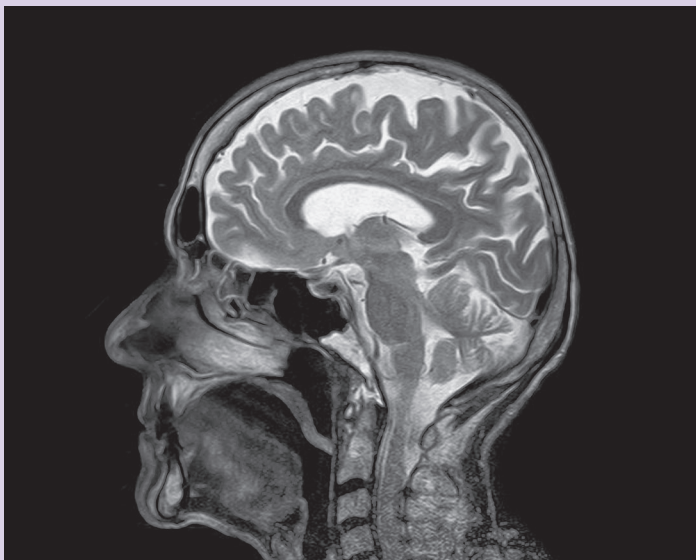
### Sir Peter Mansfield Imaging Centre

MIDLANDS  
ENGINE



The Sir Peter Mansfield Imaging Centre (SPMIC) was formed in 2015 with an award of £7.7 million funding from the MRC Clinical Research Capabilities & Technologies Initiative and £1.7 million of matched University of Nottingham funding. The vision has been to create a centre that will drive the development and exploitation of medical imaging in experimental medicine and translational medicine, based on our international leadership in physics development and clinical imaging.

The SPMIC combines strengths in physics and medicine to provide a single platform for medical imaging activity in Nottingham, serving more than 100 academic and research staff. The Centre builds on the University of Nottingham's unique track record of research in biomedical imaging stretching back to Sir Peter Mansfield's pioneering work in developing MRI in the 1970s, for which he was awarded the Nobel Prize for Physiology or Medicine in 2003. Researchers at the Centre lead national initiatives, such as the UK Renal Imaging Network and the UK7T Network, and have been prominent contributors to national and international initiatives, such as BioBank, IMAGEN and the Human Connectome Project.



**Professor Richard Bowtell, Head of The Sir Peter Mansfield Imaging Centre**

"We strongly focus on commercialisation of our work and two spin-out companies have been formed in the last six months to exploit our recent research developments: Neurotherapeutics Ltd will market a wearable neuromodulation device (rhythmic peripheral nerve stimulation) for use in Tourette syndrome, while Cerca Ltd, was formed to sell integrated wearable OPM-MEG systems. Our researchers are also currently participating in several important imaging studies of the long-term effects of Covid-19."