



Health Care
Doctor
Hospital
Pharmacist
Nurse
Dentist
First Aid
Surgeon
Emergency

NHS

National Institute for
Health Research

HEALTHCARE TECHNOLOGY CO-OPERATIVES CAPABILITIES AND EXPERTISE

NUMBER OF COMPANY COLLABORATIONS:



HTC IMPACT AND REACH

NUMBER OF ACTIVE PROJECTS:



TOTAL MONEY SECURED TO SUPPORT MEDTECH PROJECTS:



ABOUT THE HTCs

NIHR Healthcare Technology Co-operatives (HTCs) are patient-focused **centres of expertise** that develop novel solutions in clinical areas where there is high unmet need. They form a national network that provides world-leading expertise in a wide range of therapeutic areas to drive new medical devices, healthcare technologies and technology-dependent interventions from the laboratory into the clinical research setting.

The HTCs work with patients, carers, NHS, charities, academia, inventors, SMEs, businesses and entrepreneurs across the UK to support the development of new medical devices and healthcare technologies.

Through this collaborative approach, the HTC's can provide detailed clinical insight and an understanding of the effect of introducing new innovations.

All HTCs have knowledge and expertise to provide:

- clinical insight
- potential market evaluations
- access to clinicians
- commercialisation support
- public and patient involvement
- patient-centred design
- early phase evaluation.

A NATIONAL NETWORK OF HTC'S

NIHR Wound Prevention and Treatment HTC

Bradford Teaching Hospitals NHS Foundation Trust
Transforming wound care and wound prevention services by developing and rapidly introducing new technologies

NIHR Devices for Dignity HTC

Sheffield Teaching Hospitals NHS Foundation Trust
Developing technologies to preserve dignity and promote independence for patients with long-term conditions

NIHR Trauma Management HTC

University Hospitals of Birmingham NHS Foundation Trust
Translation of technology from concept to trauma care across four themes: immediate care, secondary care, regeneration care, rehabilitation translation

NIHR MindTech HTC

Nottinghamshire Healthcare NHS Foundation Trust
Accelerating the development, evaluation and adoption of technology to improve mental health and help people with dementia

NIHR Colorectal Therapies HTC

Leeds Teaching Hospitals NHS Trust
Developing minimally invasive therapies for colorectal disease

NIHR Enteric HTC

Barts Health NHS Trust
Accelerating development, trialling and implementing new diagnostics and treatments to improve the quality of life of people suffering from gastrointestinal disease

NIHR Brain Injury HTC

Cambridge University Hospitals NHS Foundation Trust
Patient-inspired innovations for the prevention, treatment, monitoring and recovery of brain injury patients

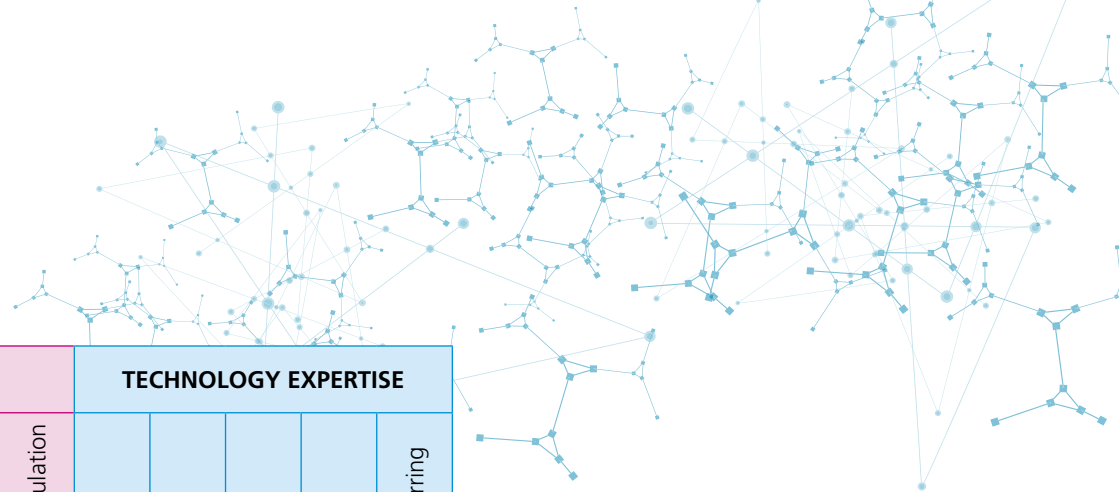
NIHR Cardiovascular HTC

Guy's and St Thomas' NHS Foundation Trust
Identifying, encouraging and facilitating development of medical devices and technology-led solutions that improve the diagnosis, treatment and well-being of patients with cardiovascular disease

NIHR HTC CAPABILITIES AND EXPERTISE

This matrix provides an overview of the skills and areas of expertise available within each HTC.

Healthcare Technology Co-operative	TECHNOLOGY INTERVENTION							TECHNOLOGY EXPERTISE					Other specialities
	Rehabilitation	Self-monitoring	Diagnostics	Remote monitoring	Digital	Surgery	Electrical stimulation	Informatics	Imaging	Robotics	Paediatrics	Tissue engineering	
Brain Injury	●	●	●	●	●	●	●	●	●	●	●	●	<ul style="list-style-type: none"> → Cognitive, emotional and physical rehabilitation using tele-rehabilitation → Clinical registries → Multi-modality monitoring and analytics → Neuro rehabilitation → Intensive care monitoring
Cardiovascular Disease			●		●	●		●	●	●	●		<ul style="list-style-type: none"> → Medical devices and interventions → Co-diagnostics and biomarkers of disease → Medical image processing → Clinical trials
Colorectal Therapies		●		●		●			●	●			<ul style="list-style-type: none"> → Recovery post-surgery → Trial design
Devices for Dignity	●	●	●		●		●			●	●	●	<ul style="list-style-type: none"> → Assistive technology → Urinary incontinence → Renal disease → Medtech design and risk management
Enteric			●		●	●	●		●		●	●	<ul style="list-style-type: none"> → Faecal incontinence → Trial design, GORD/IBD/Pelvic floor disorder
MindTech	●	●	●		●			●			●		<ul style="list-style-type: none"> → Digital interventions → Sensing and signal processing → Health economics
Trauma Management	●	●	●	●	●	●		●	●	●	●		<ul style="list-style-type: none"> → Tissue regeneration → Roadside monitoring systems
WoundTech		●	●	●	●	●	●		●		●	●	<ul style="list-style-type: none"> → Self-management → Pressure ulcers → The Burden of Wounds study



HTC WEBSITES

Discover the impact of the NIHR HTCs and find case studies showcasing the innovations they have supported.

NIHR Brain Injury HTC brainhtc.org

NIHR Cardiovascular HTC cardiovascularhtc.org

NIHR Colorectal Therapies HTC colorectal.htc.nihr.ac.uk

NIHR Devices for Dignity HTC devicesfordignity.org.uk

NIHR NIHR Enteric HTC bowelfunctionhtc.org.uk

NIHR Mental Health (Mind Tech) HTC mindtech.org.uk

NIHR Trauma Management HTC trauma.htc.nihr.ac.uk

NIHR Woundtech HTC woundtec.htc.nihr.ac.uk

Working with the NIHR HTCs

If you are interested in working with one of the NIHR HTCs, contact them directly via the respective website or contact:

NIHR Office for Clinical Research Infrastructure (NOCRI)
Minerva House, 5 Montague Close, London SE1 9BB

E-Mail: nocri@nihr.ac.uk

Web: www.nihr.ac.uk

Twitter: @NIHR_NOCRI