

DRAFT



Caring at its best

Entry points for your innovative medical products or services at Leicester's Hospitals



University Hospitals of Leicester NHS Trust (Leicester's Hospitals) is one of the largest acute NHS trusts in England serving an ethnically diverse population of over one million. We are proud to host a National Institute for Health Research (NIHR) Biomedical Research Centre, an NIHR Clinical Research Facility, Research Space with a dedicated children's facility, and an Experimental Cancer Medicine Centre. We work closely with our academic partners, the University of Leicester, Loughborough University and De Montfort University.

Leicester's Hospitals has over 1,000 clinical trials taking place each year, which range from testing the efficacy and tolerability of new drugs, to medical device studies, to surveying and observing patients, and working with human tissue samples and big data.

Our innovations

We pride ourselves on our staff innovations to continuously improve clinical care for the benefit of our patients. One of our recent successful projects is SHIFT (Structured Health Intervention For Truckers) where, among other aspects, lorry drivers attend a six-hour, interactive education session about healthy eating and physical activity. Following our pilot study, participants had reduced cholesterol levels, smaller waist measurements, a lower risk of heart disease, reduced blood glucose levels and increased physical activity. **We are now implementing a larger trial with the transport company, DHL.**

One of our consultants has designed a device to allow surgeons to insert an ultrasound-guided cannula single handedly, which will reduce the number of steps and lower the risk of complications with this procedure. **We have now secured collaboration with JEB Technologies** on developing and marketing the "Blunting Cannula Delivery System" (B-CADS).

How we can help you

Your first point of contact with the NHS will be the Research and Innovation service at Leicester's Hospitals.

We will be your critical friend in introducing you to the right people and service(s) depending on your needs and the stage of development of your innovative medical product or service. We will guide you through your development needs, bringing in various internal services and other external organisations as required.



www.leicestersresearch.nhs.uk

Our services

When you are in the product or service development and testing phase, you might require one or more of these services, which may or may not run in parallel.

Study Support Service:

If you need to test the efficacy of your product or service, whether patients tolerate it, or if staff find it improves their ability to deliver safe patient care, you may need to conduct some research to create an evidence base. Our study support service can advise and guide you on your research journey, including application support, costings, regulatory approvals, study set up, delivery and evaluation.

Medical Physics and Clinical Engineering:

Our integrated team of scientists provide services such as the systematic development of bespoke medical devices, and scientific and technical support – such as nuclear medicine, imaging, software development and electronics. We create a seamless pathway from the early development of your device and can assess adherence to necessary safety and regulatory standards.



Pharmacy:

We can support the early development or enhancement of drugs in a laboratory environment and provide expert support and advice for introducing new drugs into the NHS. In the course of our work, we can:

- Undertake literature reviews
- Advise on the protocol design for, and management of, clinical trials
- Provide consultancy advice around formulation for new drugs
- Help you comply with regulatory aspects
- Advise on route to market
- Introduce you to our industry connections

Pathology Services:

We have a wide range of laboratory services to run commercial and non-commercial trials, beta testing of instrumentation, working with partners to bring translational biomarkers into clinical use, and testing the artificial intelligence in reporting - predominantly pattern recognition.

Clinical Specialities:

Our Trust treats the majority of disease groups over our three hospital sites. Leicester's Hospitals is recognised as having world-class clinical expertise in respiratory, cardiovascular, renal, and diabetes and lifestyle diseases.



Our partners

Once your product or service is ready to take to market, we can nurture your relationships with a number of our key innovation partners. These include:

Academic Health Sciences Network (AHSN):

AHSN works with industry to promote the adoption and spread of proven products and services and speeds up the spread and adoption of innovation into practice. They are particularly interested to support innovations that have already been successfully deployed throughout the originating NHS organisation and are ready for rapid spread across other organisations.

National Institute for Clinical Excellence (NICE):

NICE provides national guidance and advice to improve health and social care. NICE conducts Technology Appraisals which assess the clinical and cost effectiveness of health technologies, such as new pharmaceutical and biopharmaceutical products, but also include procedures, devices and diagnostic agents. This is to ensure that all NHS patients have equitable access to the most clinically-effective and cost-effective treatments that are viable.

NHS Procurement:

The procurement officer at Leicester's Hospitals can influence your product to be accepted in the National NHS Supply Chain, which is the best route to increase uptake of your new product/device.

NHS England (NHSE) Innovation Unit:

NHSE Innovation Unit supports and promotes the adoption of innovation and the spread of best practice across the NHS. They send out calls biannually for ready products to be adopted by the NHS through a faster procurement route. The NHS Innovation Challenge Prizes encourage, recognise and reward these frontline ideas, and support innovators in getting them embedded across the NHS.



Contact us

Research and Innovation office

Leicester General Hospital
Gwendolen Road
Leicester LE5 4PW



www.leicestersresearch.nhs.uk
RIContract@uhl-tr.nhs.uk



+44 (0)116 258 8241 or 4199



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