

# Research for All

*Changing the future of healthcare with today's research*

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Research & Innovation

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Nottingham University Hospitals NHS Trust



- Transforming research in the NHS
- Increasing the volume of applied health research to benefit patients and the public
- Driving faster translation of basic science discoveries into tangible benefits
- Developing and supporting the people who conduct and contribute to applied health research
- Attracting investment by the life sciences industry through our world-class facilities for health research

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## Vision and mission



- Research and innovation are central to our ambition to deliver benefits for our patients and our economy
- Innovative, research-intensive organisations deliver better clinical outcomes for patients
- Our ambition is to become a national leader in clinical research and innovation which is rapidly translated to patient care

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## Our aims



- Our goal is to deliver “research for all” by significantly increasing opportunities for all patients and staff to participate in high quality research studies
- Our ambition is to become an outstanding clinical partner to academia, industry and local government and make NUH a centre for cutting-edge research and innovation

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The University of  
**Nottingham**

UNITED KINGDOM • CHINA • MALAYSIA

NOTTINGHAM  
TRENT UNIVERSITY

 nottingham  
health  
science  
partners



Nottingham  
Hospitals  
Charity

At the heart of your care

  
**National Institute for  
Health Research**  
Clinical Research Network  
East Midlands

Our NHS/HEI partnerships

East Midlands  
**Academic Health  
Science Network**  
Igniting Innovation 

Sherwood Forest   
Hospitals

Nottinghamshire Healthcare   
NHS Trust

 Derby  
Derbyshire  
Nottingham  
Nottinghamshire

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## Our Industry partnerships



# Nottingham University Hospitals Research & Innovation Extranet

BEST CLASS RESEARCH AND INNOVATION EXTRANET TO DATE FOR OUR PATIENTS

**home**



## Nottingham a top recruitment centre for key Twin Birth Study

Nottingham recruited more than any centre in Australia, USA, Belgium or Germany for the Twin Birth Study, one of the most important current research trials in pregnancy. The study has completed recruitment of 2,800 participants worldwide and will test whether it is safer for twins to be born by Caesarean section, or in the normal way.

## New Health Research Authority will have National Research Ethics Service at its core

Legislation to establish the new Health Research Authority was laid before Parliament today. The Authority will provide a new pathway for the regulation and governance of health research. The aim is to streamline regulation, create a unified approval process, and promote proportionate standards for compliance and inspection within a cohesive national system of research governance. Created initially as a Special Health Authority, the Health Research Authority will have the National Research Ethics Service at its core.

### FEATURED NOTTINGHAM INNOVATION

- Surgery Models: New 3D Printing Techniques using MRI & CT Deliver Safer Surgery Training**  
A collaboration between Nottingham and Loughborough brings a major breakthrough in surgical training via the production of models that replicate complex bodily structures with high precision. Using data from CT or MRI scans, new 3D modelling techniques are enabling the creation of accurate ceramic models of the sinus for the first time. And there's huge potential for it in other clinical areas like neurosurgery, cardiac and orthopaedics.

### MORE NEWS

- Nottingham a top recruit for Twin Birth Study
- Defender's investigation push for major status
- Nottingham study to effectiveness for pro
- Nottingham Innovates Thromboembolism

### MOST READ IN THE PAST MONTH

- R&I Team NUI Risk Team Member Start
- Standard Operating Pro
- R&I approve Rese

### RECENT ACTIVITY

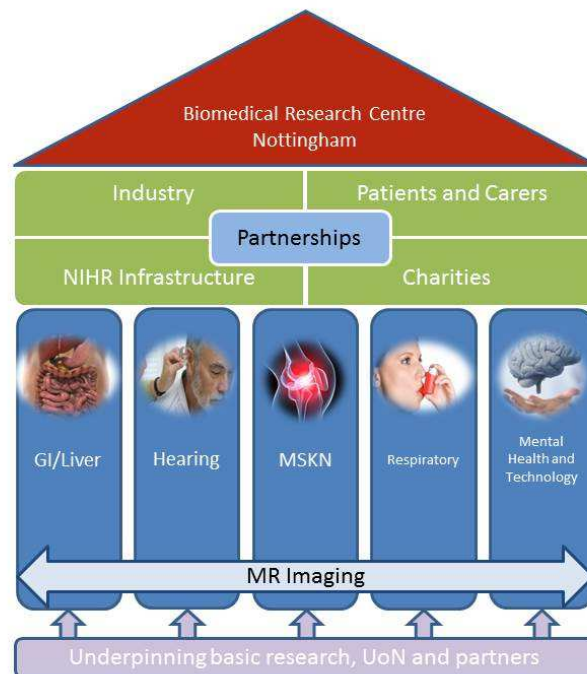
- NUIRISE uploaded a new video: Surgery Models: New 3D Printing Techniques using MRI & CT Deliver Safer Surgery Training
- NUIRISE shared a video: How Peter's hearing and perception improved by participating in a clinical trial

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£24M Biomedical Research  
Centre Nottingham

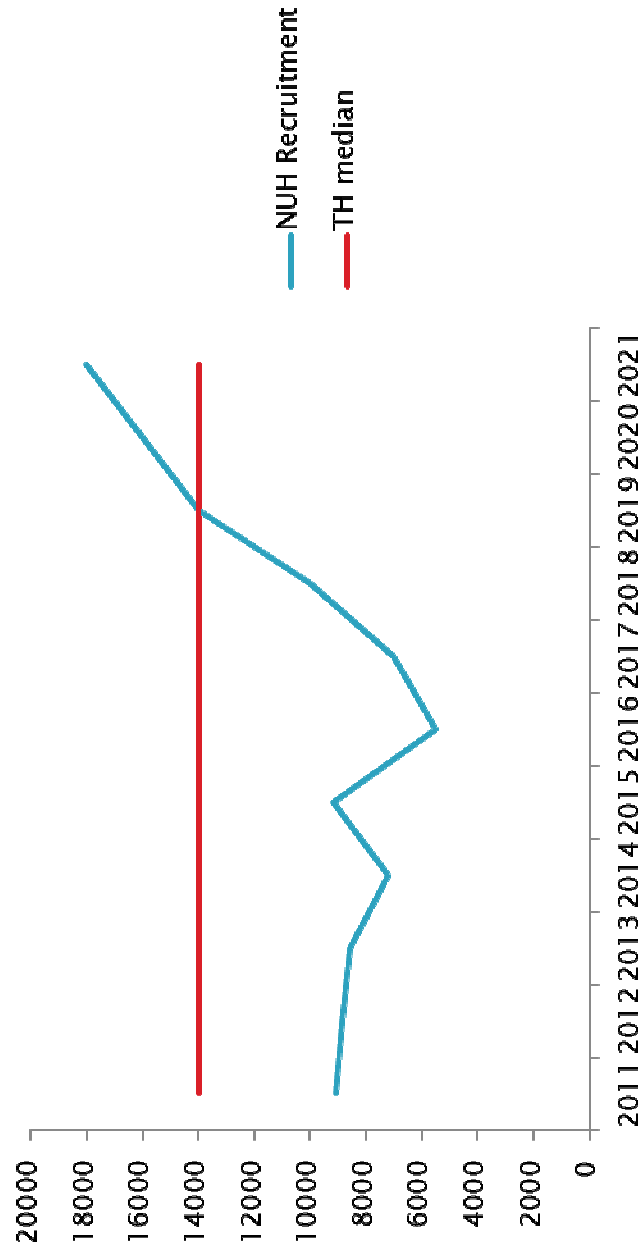
2<sup>nd</sup> highest award in our  
peers outside the 'golden  
triangle'

Nottingham is the most  
research active Trust outside  
of London



- NUH designated an NIHR Clinical Research Facility
- £2.5M Clinical Research Facility (over 5 years)
- Helping to speed up the translation of scientific advances for the benefit of patients
- Further endorsement of our excellent partnership with The University of Nottingham

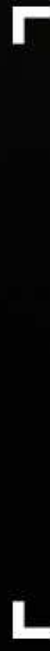
## Key metric: number of patients recruited



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# NOTTINGHAM A REGIONAL CITY WITH A NATIONAL REPUTATION

2016 - 2020



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Questions/discussion?