

Research and Development

Bulletin, 5th July 2018

70 years of NHS research

Happy 70th
birthday
NHS!



The National Institute for Health Research (NIHR), alongside other NHS organisations, is supporting



a series of events and activities to celebrate the 70th anniversary of the NHS.

Join the women's health research team at a tea party, hosted by the Family Care Division, at the Lancashire Women and Newborn Centre, 12-3pm, 5th July.

There will be a display highlighting the contribution of research to NHS care.

The event is part of the Big7Tea, where NHS organisations celebrate the 70th anniversary by holding tea parties for staff and patients.



CRN Greater Manchester is holding a celebration event on 6th July, at their City Labs office in Manchester,

The event will mark Greater Manchester's contribution to clinical research over seven decades. There will be a series of talks throughout the day.

The event is free and lunch is provided. To register (using Google Chrome), please visit the [event page](#).

In this edition

- NIHR supports NHS70
- Women's Health Research Team at the Blackburn Birth Centre Garden Party
- CRN Greater Manchester event
- NIHR 70 discoveries to mark NHS 70

Contact us

For support and information on research at East Lancashire Hospitals NHS Trust, please contact Research and Development (R&D) Department Level 3, Royal Blackburn Hospital
Tel: 01254 733008
Fax: 01254 733683
Email: research@elht.nhs.uk

Celebrating research at ELHT

If you'd like to include a story about your research, please contact: hazel.aston@elht.nhs.uk

70 discoveries to celebrate the 70th anniversary of the NHS

Medical discoveries and the benefits that arise from medical research have improved healthcare throughout the lifetime of the NHS. To celebrate the NHS's 70th birthday, the National Institute for Health Research (NIHR) has launched the #70discoveries campaign. It features some of the research that has taken place throughout the last 70 years and shows how these have transformed the way the NHS works and the outcomes for patients.

You can follow the campaign on the [NIHR campaign page](#) or on twitter @OfficialNIHR.



The randomized controlled trial (RCT) was first used in medical research in 1948 to evaluate streptomycin to treat tuberculosis. The RCT is now considered the gold standard for testing the effectiveness of drugs and other treatments.



The link between smoking and lung cancer was first made by Prof Sir Richard Doll and Prof Sir Austin Bradford Hill in 1950. In 1954, around 80% of adults in the UK smoked. By 2017 this had fallen to 15.5%.



Developed in the 1970s by a Nobel prize winner, computed tomography scans can produce detailed images of structures inside the body to aid diagnosis and treatment. Now approximately 4 million CT scans take place each year in the NHS.



In 1991, Professors John Hardy & Martin Rossor discovered the first Alzheimer's gene. Uncovering the link between mutations of the amyloid precursor protein (APP) gene and Alzheimer's has influenced research into the treatment and prevention of Alzheimer's.



Researchers at the NIHR Imperial PSTRC, investigated how human behaviour, team skills, and the surgical environment contribute to errors in surgery. Their findings fed into the World Health Organisation (WHO)'s Surgical Safety Checklist, which reduced inpatient mortality following major operations from 1.5% to 0.8%.



Meningitis B accounts for about 90% of meningococcal infections in the UK. Each year there are between 500 and 1700 cases. The introduction of the Meningitis B vaccination programme has seen cases in infants aged less than one drop by 42%.