#CAGraphics

70 examples of key achievements from our Clinical Academic Groups, including innovations in clinical care, research and education, to celebrate 70 years of the NHS.
The Acute Mental Health Clinical Academic Group

Is **improving** mental healthcare for homeless people, supporting recovery and independent living

Launched the first **24/7 staffed** place of safety, receiving overwhelmingly positive feedback from service users

Provides the **shortest length of stay** (five to seven days) in the country while providing high quality care

The Addictions Clinical Academic Group

First to implement a comprehensive **smokefree** policy and practice in inpatient mental health wards, associated with a 39% decline in violence

Conceived, tested, and then improved the use of **naloxone** as a public health strategy to prevent people dying from **heroin overdose**

Conducted the **largest** programme of research on alcohol screening and interventions in a medical setting, now implemented across the NHS
The Allergy, Respiratory, Critical Care, Anaesthetics and Pain Clinical Academic Group

- Launched a one-of-a-kind initiative to **routinely screen** for lung health in addictions clinics.
- Led on new **international guidelines** identifying a special type of milk allergy, benefitting babies who are allergic around the world.
- Is one of four centres around the globe to be recognised as a **Centre of Excellence**.

The Behavioural and Developmental Psychiatry Clinical Academic Group

- Invented the first brain scan **diagnostic tool** for Autism Spectrum Disorder.
- Publish the only journal in the world specifically devoted to **integrating research** into psychiatry and intellectual disabilities.
- Led the **first clinical trial** to treat attention deficit hyperactivity disorder (ADHD) in young male prisoners.
**The Cancer Clinical Academic Group**

**Launched** the Guy's Cancer Education Academy which is developing e-learning to support joined up mental and physical healthcare.

Host the first cancer centre in **Europe** providing radiotherapy treatment above ground level.

Created the Precision Cancer Medicine programme to support the rapid deployment of **personalised** cancer treatment.

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**The King's Health Partners Haematology Institute and Network**

Signed a **£20m collaboration** agreement to further research into population health and blood cancer care.
The Cardiovascular Clinical Academic Group

Includes the **UK's most comprehensive** heart valve service

Discovered a new biomarker for cardiac damage, better than the troponin test, and brought it from **bench** to **bedside**

Launched an **innovative** integrated heart failure service in our local community which is diagnosing heart failure earlier

The King’s Health Partners
Cardiovascular Institute and Network

Includes the largest vascular service in England working for patients as one team across the partnership, **uniquely** performing all aortic surgery on one site
The Child and Adolescent Mental Health (CAMHS) Clinical Academic Group

Developed a **world first** intensive multi-family group therapy for young people with severe obsessive compulsive disorder

Is making strides in the use of **neurotherapies** to treat attention deficit hyperactivity disorder, a side-effect free alternative to current treatments

Created large-scale **data linkages** between CAMHS and administrative data to inform education and child health policy

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The Dental Clinical Academic Group

Is part of the **top school** for dentistry in Europe, and second in the world, as ranked by QS World University Rankings

Educate **more than 20%** of dentists in the UK

Has **pioneered research** into a breakthrough in naturally regenerating and regrowing teeth
The Child Health Clinical Academic Group

Is the first to provide keyhole hip and knee surgery exclusively to young people aged under 16

Developed a new state-of-the-art children's blood test centre which has halved waiting times

Has carried out first-in-man liver cell transplants in alginate microbeads for acute liver failure

The King’s Health Partners Institute of Women and Children’s Health

Is developing life course research combining child health, women’s health, basic science and applied research, building on connections with leading children and young people’s mental health researchers.

The Institute is host to the Centre for the Developing Brain
The Clinical Neurosciences Clinical Academic Group

Developed a world-leading Motor Neuron Disease clinical-academic offer, discovering several important genes responsible for the condition

Built on successful work in Parkinson's Disease and has established an internationally-benchmarked Parkinson's Disease Centre of Excellence

Is leading the development of innovative neurorehabilitation services across the partnership, including joint neuronavigation services

The King's Health Partners Neurosciences Institute

Use powerful data analytics tools such as CogStack for clinical and research applications in neurosciences, developing real-time dashboards to improve outcomes
The Diabetes, Endocrinology, Nutrition, Obesity, Vision and Related Surgeries Clinical Academic Group

Established the **first ever** diabulimia clinic, treating eating disorders in diabetes

Selected by Innovate UK to test the use of **wearable tech** and motivational messaging for pre-diabetes, and by NHS England as a national digital diabetes prevention testbed

Regularly lead **groundbreaking research** with more than 600 research articles published and 6,000 citations amassed since 2014

The King's Health Partners Diabetes, Obesity, and Endocrinology Institute

Is part of a **flagship project** called 3 Dimensions for Long-Term Conditions providing whole person care to people with diabetes
The Genetics, Rheumatology, Infection, Immunology and Dermatology Clinical Academic Group

Use 7-day-a-week appointments, innovative partner-notification tools, and clinical trials to combat growing STI rates.

Is just one of 11 centres in England to lead on the NHS England 100k Genome Project.

Opened a Rare Diseases Centre designed for people with life-long genetic and skin conditions, the first of its kind in the UK.

The Imaging and Biomedical Engineering Clinical Academic Group

Hosted a first in man patient trial researching thyroid cancer, bringing the findings from bench to bedside.

Will be benefitting from a 7 tesla (7T) MRI scanner, the only one of its kind in London.

Supported research development in nearly all of our 22 Clinical Academic Groups, authoring more than 1,500 research papers since 2010.
The Liver, Renal, Urology, Transplant, Gastroenterology and Gastrointestinal Surgery Clinical Academic Group

Is renowned for treating inflammatory bowel disease, with a strong focus on **personalised** medicine, receiving referrals from across the UK.

Has the UK’s **largest** live donor kidney transplant programme and is home to the Medical Research Council’s **Centre for Transplantation**

**Transformed** HIV care with a joint renal HIV service which facilitates better access to transplantation for this group.

The Medicine Clinical Academic Group

*Launched* **specialised preoperative assessments** for elderly patients which have shortened hospital stays and reduced complications.

High quality falls service, now in place across Southwark and Lambeth, has led to **fewer falls, fractures and admissions**.

Set up a **homeless team for all ages**, incorporating mental healthcare, that has been effective for a very marginalised group with massive health needs.
The Mental Health of Older Adults and Dementia Clinical Academic Group

- Developed a website to **support** those working with older people to prescribe drugs less likely to cause cognitive side effects
- Is running a project for more **timely** diagnoses of dementia in Black African and Caribbean people in Southwark and Lambeth
- Has created a **clinical dashboard** to enable teams to review their prescribing rates for antipsychotic drugs in people with dementia

The Orthopaedics, Trauma and Plastics Clinical Academic Group

- Redesigned the Fractured Neck of Femur Pathway, **halving mortality** with estimated savings of up to £1.5 million per year
- Is the **first** to offer mental healthcare to limb reconstruction patients
- Has a trauma network which is rated the best performing in the country since its launch, with the **best survival** rates in England
The Palliative Care Clinical Academic Group

Leads the advancement and implementation of **outcome measures** which matter most to patients and those most important to them, used across the globe.

Hosts the **Cicely Saunders Institute**, the first purpose-built institute integrating research, education and clinical practice in palliative care.

Pioneers and evaluates integrated models of palliative care that provide better symptom control and **quality of life**.

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The Pharmaceutical Sciences Clinical Academic Group

Created a live database of clinical trials of medicines across our partnership, including **several hundred** trials at any one time.

Is unique as the **world's first** formal healthcare/academic partnership in pharmaceutical sciences.

Established a **PhD** programme for NHS pharmacists and scientists with a growing number of students enrolling.
The Psychological Medicine and Integrated Care Clinical Academic Group

Screened more than 25,000 people for mental illness alongside their physical health needs across our partners in our acute trusts

Transformed eating disorder care through the award winning First Episode Rapid Early Intervention service for young adults

Reduced inpatient admission for people with Bipolar through OPTIMA, a pioneering intensive day service

The Psychosis Clinical Academic Group

Achieve the new National Waiting Time Standard for Early Intervention in psychosis

Supported clinical trials that provided the first evidence that Cannabidiol may be an effective new class of treatment for psychosis

Is hosting a new MSc programme in Early Intervention in Mental Health, the world's first course in this area
The Women's Health Clinical Academic Group

Is renowned for clinical innovation across the life course of health treating preconception, pregnancy, infancy, childhood and adolescence as a continuum.

Has reduced premature birth regionally by more than 10% against a national and international rise.

Developed the world's first medical device to detect shock and high blood pressure in pregnant women, potentially saving 70,000 lives annually.