

Research and Development Strategic Aims 2018-2021

In order to achieve our ambitious plans over these three years, the R&D team at MKUH have set six strategic themes that the team will focus on. **Research and Development is one of the three key aims that make up the strategy of Milton Keynes University Hospital.**



Professor Simon Bowman
R&D Director

Dr Ian Reckless
Medical Director

As we did last year and the year before we are presenting our activities as an infographic and hope you find it easy to read and that it highlights our key 'pre-COVID-19' activities. If you need more information on any of our studies or about research at MKUH, please don't hesitate to get in touch.

Valley and South Midlands NIHR Clinical Research Network who fund a significant part of our research team. We further thank the Trust and other hospital departments who have been very supportive of R&D activities and particularly during the current COVID-19 pandemic. The R&D team has once more worked tirelessly during 2019-2020 to support clinicians and ensure that studies were done to the highest standards of good clinical practice. As a result we have been consistently at or near the 'top of the rankings' compared to other similar trusts at recruiting and delivering studies over the past three years.

The speed with which these studies have been set up at MKUH and nationally has been remarkable and is a testament to a tremendous atmosphere of collaboration and to a go-ahead attitude across the board. This has been typified by the enthusiasm with which our acute physicians, intensive care consultants and other colleagues have volunteered to lead these studies at MKUH. The R&D managers, research nurses and other research staff stepped up to support the Trust in providing care for the quarantined passengers at the Kents Hill Conference Centre at the start of the outbreak and have delivered much of the mask FIT testing at MKUH. Since then they have worked tirelessly to support the key COVID-19 studies and maintain the small number of operational critical non-COVID-19 studies.

The pandemic has demonstrated in the clearest way possible the importance of resilient health and social care systems, the importance of staff, technology and materials and the critical importance of data and of clinical and basic science research. Hopefully, this will lead to greater investment in research and development not just to develop a vaccine and drugs against COVID-19 but also to tackle other challenges that have not gone away such as developing life-saving therapies for cancer, heart disease and inflammation to mention just a few.

Prior to the COVID-19 pandemic you will see that 2019-2020 was another active year for the R&D Department at MKUH. We have

maintained a high level of recruitment of participants to a broad range of research studies in many areas with a total recruitment of 4,792 participants which has placed MKUH for the second consecutive year on the top of the NIHR Research Activity League Table as Best Recruiting Small Acute Trust in the country. The CHSS Medical Devices Study set up by Professor Attila Kardos at MKUH has been recruiting strongly. Under the direction of Professor Oliver Pearce, the regional university networking group has been meeting regularly to develop collaborative research and training. Managers have continued to be active in outreach to local schools and public spaces generating positive media coverage on the benefits of research participation. The new Cancer Centre has now opened and once fully operational will allow us to expand our cancer research activities.

We were delighted to congratulate our R&D staff receiving awards at the Thames Valley and South Midlands NIHR Clinical Research Network (CRN) Awards Evening in September 2019 for their outstanding contributions to research delivery such as Outstanding Research Team Leader and All-round High performing Team for the Reproductive Health and Childbirth speciality network team. MKUH clinicians were also in receipt of CRN funded 'Green Shoots' awards in 2019 for projects in intensive care, infectious disease, A&E and Cardiology. Indeed, we are very grateful for the support that we get from the Thames

We are delighted to present the 2019-2020 Annual Report on behalf of the Research and Development (R&D) Department at Milton Keynes University Hospital NHS Foundation Trust (MKUH).

Welcome

Studies

MKUH are hosting, participating in or supporting research trials in a range of specialities. These include commercial and 'home grown' studies helping to increase research activity, increasing and improving opportunities for participation.

These speciality areas include:

- Accident and Emergency (A&E)
- Audiology
- Cardiology
- Cancer
- Critical Care
- Dermatology
- Diabetes
- Gastroenterology and Sexual Health
- Geriatrics
- Gynaecology
- Maternity and Paediatrics
- Neurology
- Orthopaedics
- Rheumatology
- Stroke



Training and Development

The R&D department has continued to deliver training for new and existing research staff, including Good Clinical practice sessions, Principle Investigator essential training and NIHR industry workshops. For the second consecutive year the department has developed and facilitated the Clinical Research Module for University of Buckingham medical students, receiving excellent feedback from this years' cohort. Individual team member achievements include, completion of the NIHR advanced leadership programme, acceptance on the

NIHR fellowship programme, and success at the annual NIHR research awards for individuals and members of the wider research team.

The TV&SM network has trained and supported volunteers to become research champions, patients, carers, members of the public who give their time to help spread the word about health and care research to patients and the public - MKUH currently has 4.

Patient satisfaction/feedback

From 2019-20, the participant experience survey (PRES) has been made a Higher Level Objective by the Department of Health and Social Care (DHSC) in recognition of the importance of participant experience of feedback to both the DHSC and the NIHR. It is carried out to help continually improve the experience of taking part in health research and gives participants chance to feedback on what went well and what could be improved.

This year MKUH received 132 responses from patients and the majority of patients surveyed had a positive experience of taking part in research and 104 participants agreed/strongly agreed that they would take part in another research study.



TheMKWay
CARE. COMMUNICATE.
COLLABORATE. CONTRIBUTE.

NHS
Milton Keynes
University Hospital
NHS Foundation Trust



Get involved!

Want to learn more about research at MKUH?
Are you interested in getting involved? Contact the team today:
Jeannette Smith 01908-996685 or Veronica Edgell 01908-995137

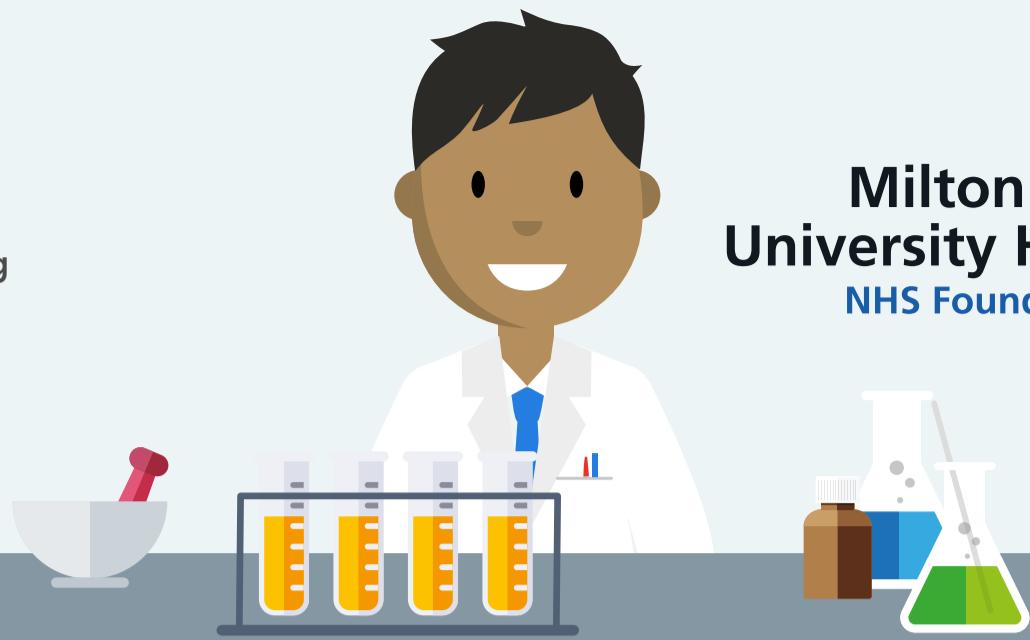
Research & Development Annual Highlights 2019/20

Highlights 2019/20

At Milton Keynes University Hospital (MKUH) we are committed to deliver high quality care giving patients in Milton Keynes and Buckinghamshire parity of access to clinical trials, providing them with the latest medical treatments/devices or offering our patients an alternative/additional choice of treatment through research.

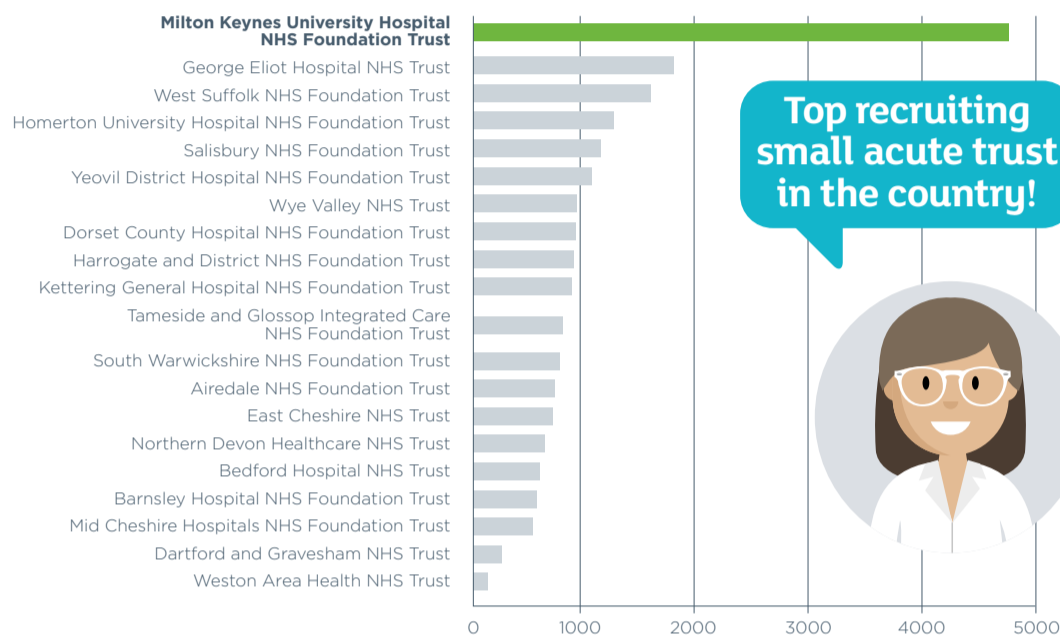


Milton Keynes University Hospital
NHS Foundation Trust

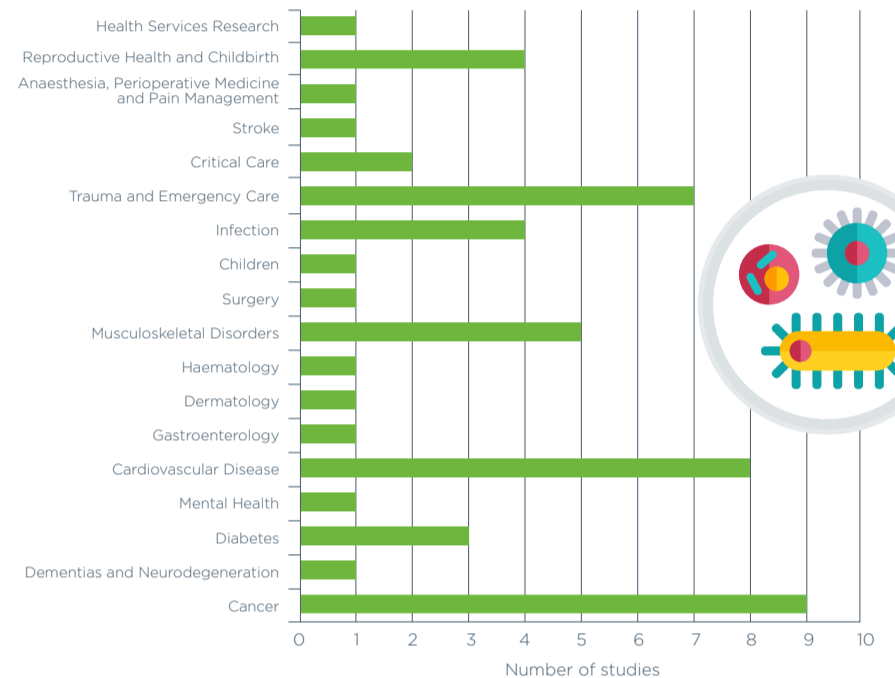


Performance:

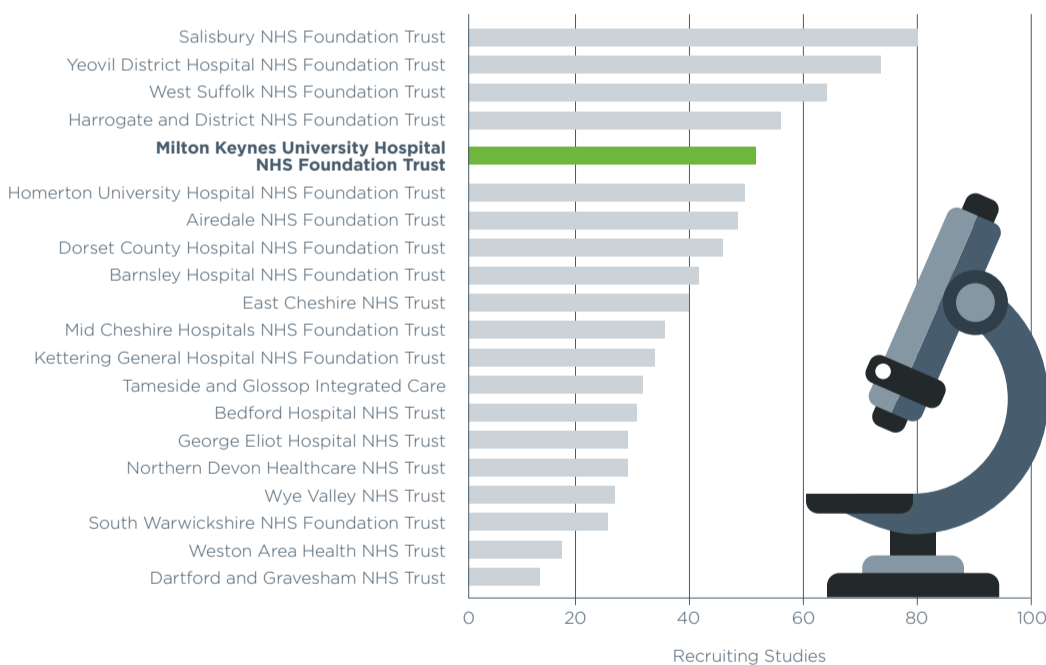
Participant recruitment at small acute trusts



Clinical speciality recruitment areas



Number of recruiting studies at small acute trusts



Stats

Over 4500 patients recruited to 54 studies at MKUH last year.

Our Trust received £750,000

in 2019/20 to deliver NIHR portfolio research.

25 speciality areas recruited patients to research.

Patient quotes

(PRES survey 2019/20)

“Everyone has been so helpful and supportive, returning all calls and answering all questions. Very happy patient!”

“I’m always happy to join in any research that can help future generations.”

“The research midwife was very friendly and a great help. Let us know everything we needed to know.”

“I have found this study fascinating. The research nurse has taken great care to explain each step of the process.”

“Very friendly staff, a delight to help.”

Raising the profile of R&D at MKUH

The team have continued to work hard to raise the profile of research in the Trust and wider community: Supporting and engaging with:

We have supported and engaged with:

- **Local media:** Local/social media: highlighting patient/staff stories, school careers events, patient and public engagement events.
- **Events:** Research Information stand at MKUH, engagement with patient groups, schools careers events, international clinical trials day, Event in the Tent annual staff event (MKUH).
- **Social media**

If you are interested in knowing more about research ask a member of staff about how to get involved or email research@mkuh.nhs.uk

