

Research & Innovation

22-23 Quarterly Report – Q1

We are pleased to present the Q1 performance review of research activity at Sherwood Forest Hospitals NHS Foundation Trust and the new draft R&I five year strategy.

Research and Innovation are key enablers in driving improvements in clinical care. This had been demonstrated by the key role research played in the COVID-19 pandemic bringing into focus the strength and importance of Health and Social Care research in the UK. Research has made a leading contribution to the knowledge base during this time. However, the UK has learnt important lessons about where we can improve. This includes empowering healthcare and research workers to ensure they are supported and resilient to future challenges, alongside being more innovative in trial design and delivery. National policy is strengthening the importance of putting research at the heart of everything the NHS does, making it an essential and rewarding part of effective patient care.

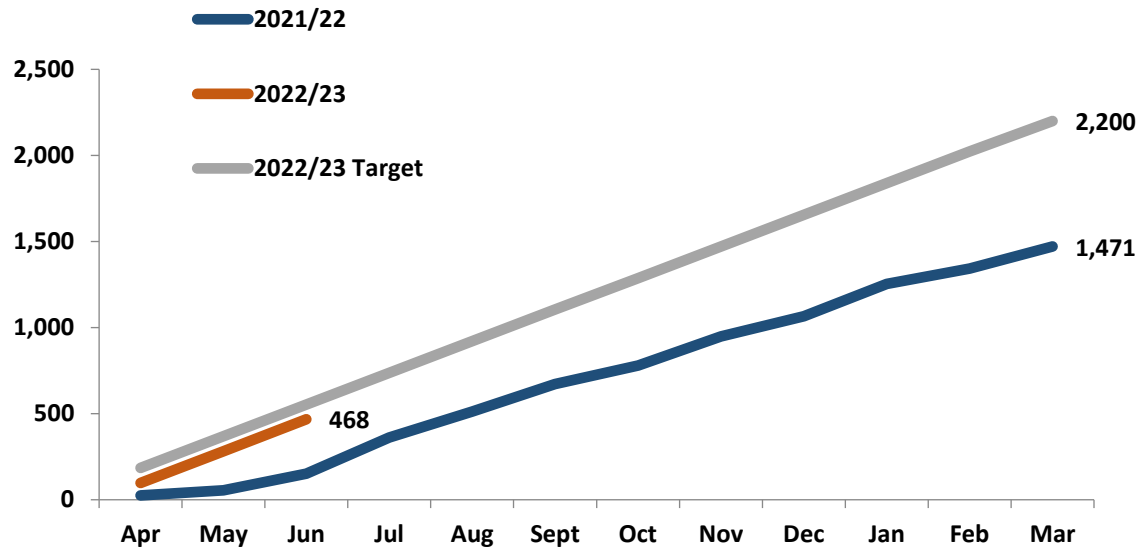
The SFH research portfolio is developing as we focus on growth in our specialities, supporting wider involvement in research for patients and staff, developing new partnerships and strengthening existing ones. We are confident that embedding clinical research as part of clinical care is achievable and delivers for patients. A key part of the journey to realising this is to build a culture across SFH and the wider system that is positive about research, where staff feel empowered and supported to take part in clinical research delivery as part of their job.

The new R&I Strategy sets out how we plan to achieve our ambition and grow Research and Innovation with a simple vision, “Research is for Everyone”.

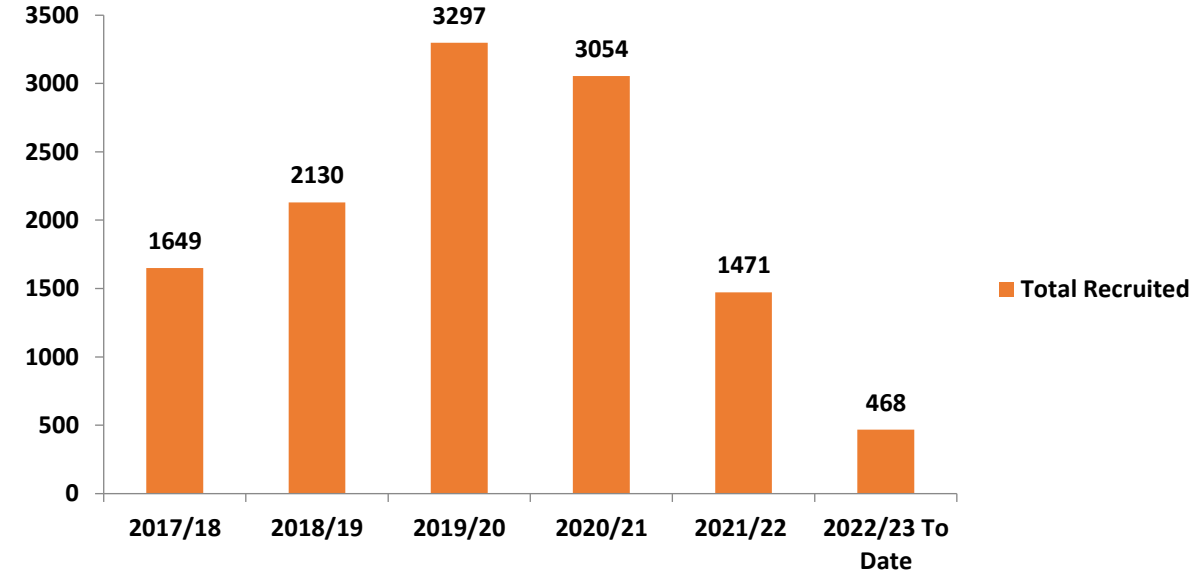


Performance

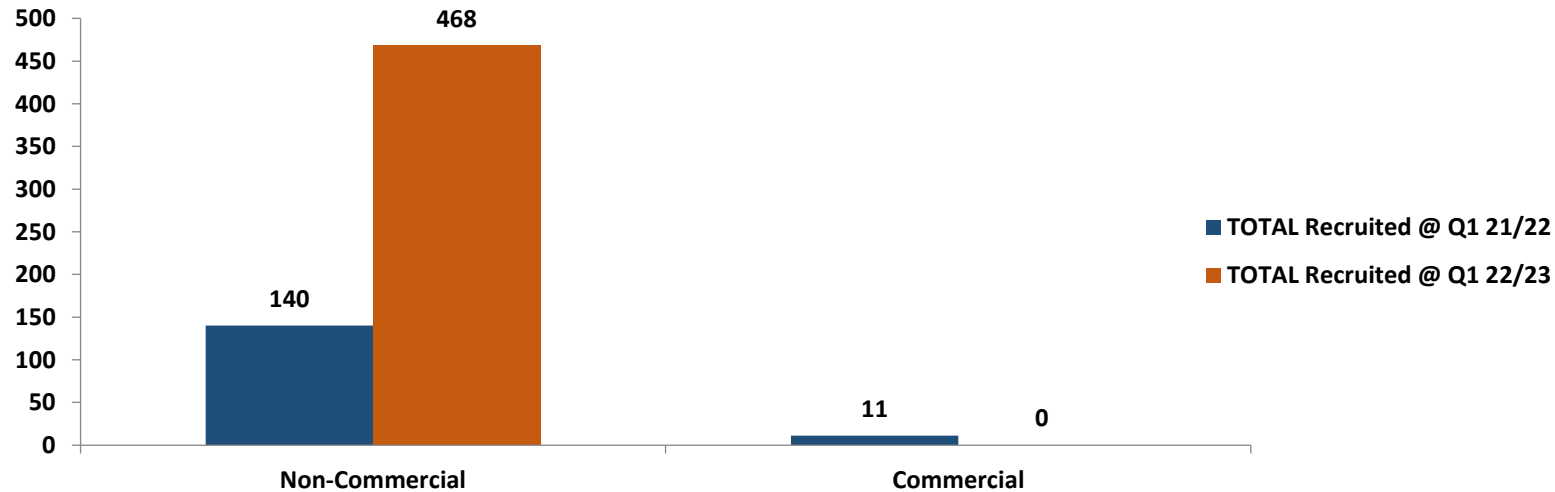
Cumulative Monthly Recruitment 2021/22 and 2022/23



Total Recruitment by Year

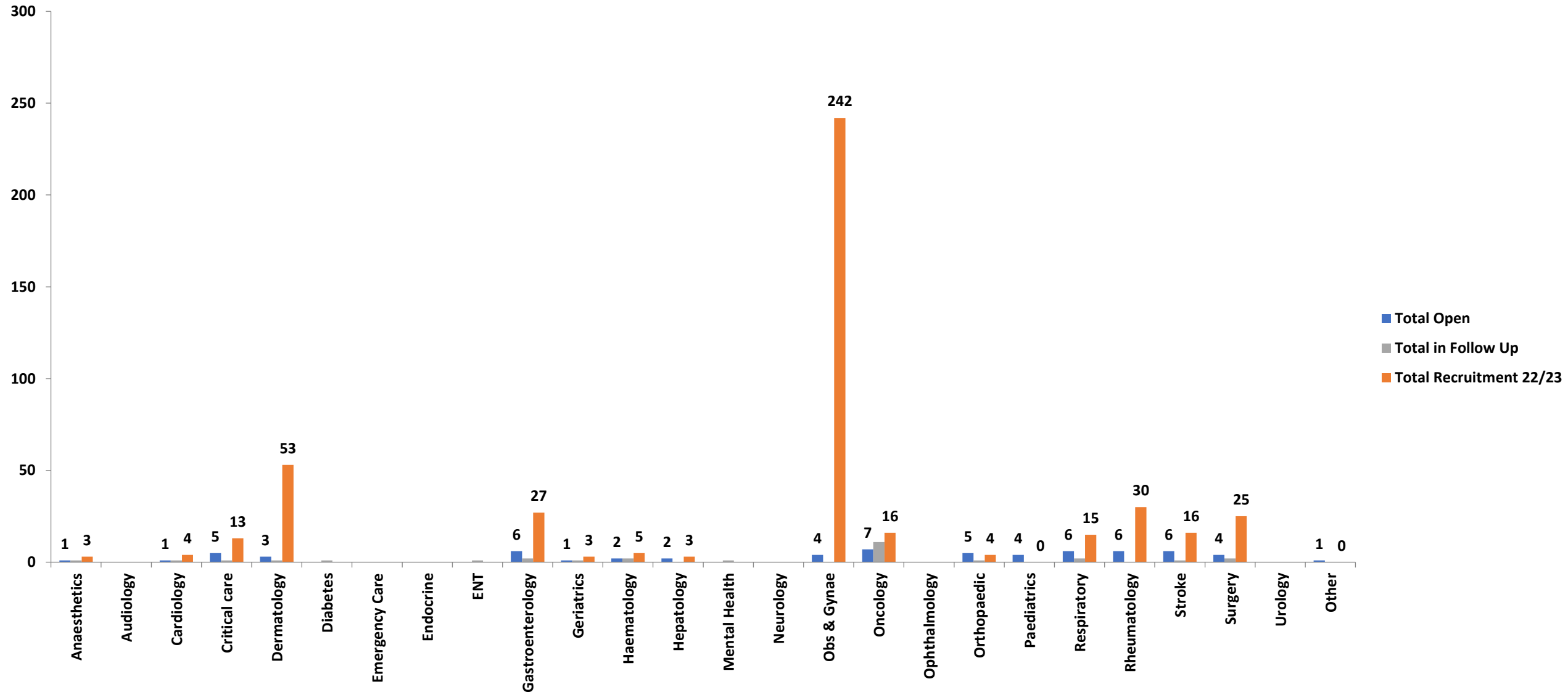


Non-Commercial and Commercial Recruitment 2021/22 and 2022/23 at Q1



Performance

Total Studies, Open, In Follow Up and Total Recruitment by Speciality at Q1 2022-23



Finance

2022/2023

CRN East Midlands Income

£755,435,10



Department of Health Funding

£20,000.00

To maintain research capability
and capacity

2022/23

Commercial Income

£23,750.30

For re-investment into future
research capability and capacity



Research Changing Practice 2019 - 22

- 60 research publications received in total
- 3 studies have evidenced changed changing practice at SFH

STAR - Findings have been implemented in Bristol and there has been discussion between PI and Star Trial Manager about how it may be implemented here.

EMRAD - The results can be used to inform the design, implementation and regulation of emerging AI tools in the context of the NHS

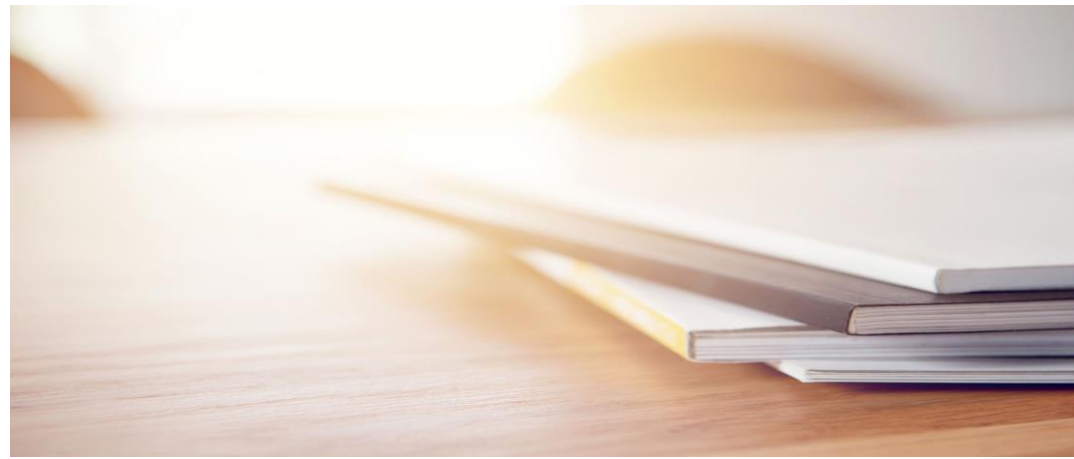
NICEFIT - Patient used to get referred on a 2 week wait for symptoms that could indicate Bowel Cancer. Then would have an Invasive colonoscopy and not necessarily need one. The FIT test was to look for blood in the stools and the range would indicate if it was bowel cancer or something else underlying. GP's now give patients the FIT test to do prior to them being referred on a 2 week wait once the result is known.

RECOVERY – Dexamethasone now given as standard care due to findings

SIREN – Informed the UK Government in making decisions about the vaccines and isolation

- 14 COVID-19 research studies opened at SFH
- 3 COVID-19 studies have changed practice / supported informed decisions

COVID DOGS – Dogs are now being trained to detect COVID-19 following successful results from samples collected



Research and Innovation Strategy 2022-2027

Research is for Everyone:

Our Vision:

To make research part of our daily business realising the research potential in all areas of our hospital's for the benefit of patients, staff and our community

Our Mission

1. To embed research excellence as part of our culture
2. To engage all our clinical services in high quality research
3. To be an NHS Trust that champions research

Research & Innovation Strategy

Place

Delivering high quality research requires high quality infrastructure. We will invest in our research infrastructure and create a new research facility. We will:

- ▶ Open a new clinical Research Facility on the Kingsmill site in 2023 for clinical trials of new drugs, devices and diagnostics across all specialities
- ▶ Partner with NUH on the NIHR CRF 2026 bid for funding to ensure targeted and strategic investment for the future
- ▶ Develop this infrastructure for early phase research by 2026
- ▶ Host the Nottinghamshire mobile research unit to deliver trials in our area

Research & Innovation Strategy

Progress

Over the next five years we will transform our approach to managing research at SFH to ensure the best use of resources and to maximise research opportunities. We will:

- ▶ Develop a Divisional research model to integrate research delivery and growth across all specialities
- ▶ Increase the use of digital technologies for data collection and monitoring performance in order to target resources efficiently
- ▶ Continue to streamline the research process for faster study set up and to reduce bureaucracy
- ▶ Continue a targeted development programme with EMCRN and commercial sponsors to increase investment and research opportunities for our patient's

Research & Innovation Strategy

People

Research is for “Everyone”; patients, carers, staff and our community. To deliver world class research we need to make it easier for people to get involved at any level. We will:

- ▶ Invest in our Research Academy, developing a programme that provides insight and a skill base for staff to get involved in clinical research
- ▶ Develop and launch our joint research programme with Nottingham Trent University to support and equip our workforce with the skills they need to pursue research careers, develop projects or implement research findings and create a unique selling point for SFH as an employer
- ▶ Invest in our research delivery and management workforce to ensure a sustainable future for research and prepare for future developments
- ▶ Increase the visibility of research to patients, staff and the public, enhance physical signage and digital visuals relating to research across all our sites
- ▶ Include research in the staff induction to broaden our reach across all staff groups
- ▶ Develop an “Innovation Hub” to support staff with innovative ideas through the endorsement and development of these ideas

Research & Innovation Strategy

Partnership

Partnership and integrated working are key to research growth, sustainability and innovation. We will:

- ▶ Increase our academic and industry partnerships to maximise mutual benefits from collaboration in research
- ▶ Further develop our existing partnerships with Nottingham Trent University to leverage expertise to work with our staff in building research capacity and capability
- ▶ Develop how we engage with patients and the public and our staff to ensure we are delivering research that is important and is prioritised by our community
- ▶ Continue to work closely with our partners across the Nottinghamshire Integrated Care System to ensure a coordinated approach to research that can support better health for our community
- ▶ Develop our collaboration with NUH in order to maximise research opportunities and target investment for the benefit of patients and staff at SFH