

## **Collaborative Working Project Outcomes Summary**

### **Hull University Teaching Hospitals: Review and optimise the patient pathway and experience for patients receiving haematology and oncology treatment.**

#### **Project Title**

A collaborative Working Agreement between Hull University Teaching Hospitals (HUTH) and Johnson and Johnson to review and optimise the patient pathway and experience for patients receiving haematology and oncology treatment within its catchment.

#### **Partner Organisations**

Johnson and Johnson, 50-100 Holmers Farm Way, High Wycombe HP12 4EG.

Hull University Teaching Hospitals (HUTH), Anlaby Rd, Hull, HU3 2JZ

#### **Project Summary**

Johnson & Johnson partnered with Hull University Trust & Humber (HUTH) & North Yorkshire Cancer Alliance (HYNCA) to redesign the current systemic anti-cancer treatment (SACT) service model of care, as a range of service challenges existed associated with capacity, geography, and workforce.

The consequence of these challenges mean that service delivery is spread across the region, with patients potentially travelling further than necessary. This leads to increases in missed and delayed appointments, reducing efficiency and capacity across the system. Some of the challenges expressed were:

- The catchment encompasses rural areas.
- Patients traveling more than one hour.
- Scunthorpe having limited day unit facilities with no medical staff on site.
- Additional pressure generated through workforce challenges (recruitment and retention of both consultants and nurses).
- Governance challenges associated with service provision across two trusts.

This project will map where a patients SACT service is delivered, compared to the patient's location, treatment regimens, suitability for treatment to be delivered remotely and nearest treatment centre.

#### **Project Aims**

The Project Aim was to build an interactive mapping tool that can support the optimisation of service resources and their alignment to patient location, treatment, and the treating location, so that the patient's experience of care is enhanced, and providers are able to maximise efficiencies related to the delivery of haematology and oncology services provided.

## **Resource Allocation**

Johnson & Johnson provided £48,029 to fund the creation of an Interactive mapping tool by a 3<sup>rd</sup> Party Provider.

In addition, 47 hours of Johnson & Johnson's colleagues time provided to support the project.

Hull University Teaching Hospital will provide 169 hours of time to the project.

## **Project Deliverables & Achievements**

- Project Team Kick off meeting to socialise the project; consider preliminary tool specifications such as expected outputs (reports, visuals etc), data variables required to enable the analytical outputs of the tool and tool functional design considerations.
- Wire frame meetings with Trusts personnel (clinical, service management, administration) to iterate the functionality and design of the tool as aligned to available data.
- The Project delivered an interactive and updatable tool that facilitates the mapping of service dynamics relating to patient locations, individual patient treatments and individual patient treatment locations across the Hull, York and Scarborough and North Lincs geography.
- User Acceptance Testing (UAT) meeting of the mapping tool functionality and usability as aligned to agreed user acceptance testing criteria.
- Production of a Project Report on the process followed and specification of the tool including data schema to drive equivalent analytics.

The project concluded in April 2025

## **Customer Feedback**

*"I believe that the project will ensure that we can make plans that will actually work in the best interests of patients and the service" .... Dr James Bailey, Clinical Director and Project Lead*