Case Study

Every Patient, Every Day

Powering research through the Imperial Health Knowledge Bank

The Challenge

Imperial College Healthcare NHS Trust in collaboration with Imperial College London runs the Imperial Health Knowledge Bank (IHKB); a unique biomedical research resource which uses data and blood samples collected from patients undergoing routine clinical care, and interested participants who reside in the North West London Community. Research teams were working across multiple siloed systems with fragmented, often outdated information. Key data on samples, consent, and workflows sat in disconnected applications and spreadsheets, forcing time consuming manual reconciliation to keep day to day operations running.

The Solution

The team at Imperial College Healthcare NHS Trust implemented IQVIA's Health Data Research Platform (HDRP) to act as a single source of truth for biospecimen and consented sample data.

IQVIA HDRP unified consent, biospecimen data, and workflow status from multiple sources into a single, governed platform. This gave teams a central view of samples, supported end-to-end tracking and governance, and replaced manual reporting with automated, pre-defined outputs for stakeholders.

The Impact

With HDRP in place, the IHKB team now relies on a single harmonised application to manage biospecimens and consent data with over 150,000 patients already agreed to participate in IHKB.

Manual reconciliation efforts were reduced, data transparency improved, and stakeholders gained greater confidence that samples are being used in line with the appropriate consent.

"Previously, we had to work across several different data sources to manage our patient consent information and biospecimens data. HDRP has allowed us to bring this information together into a single platform, giving us clear visibility into consent information, sample status and user-friendly tools for data governance, data capture, and querying, all in one place."

— Sarah Stimpson, Manager, Imperial Health Knowledge Bank

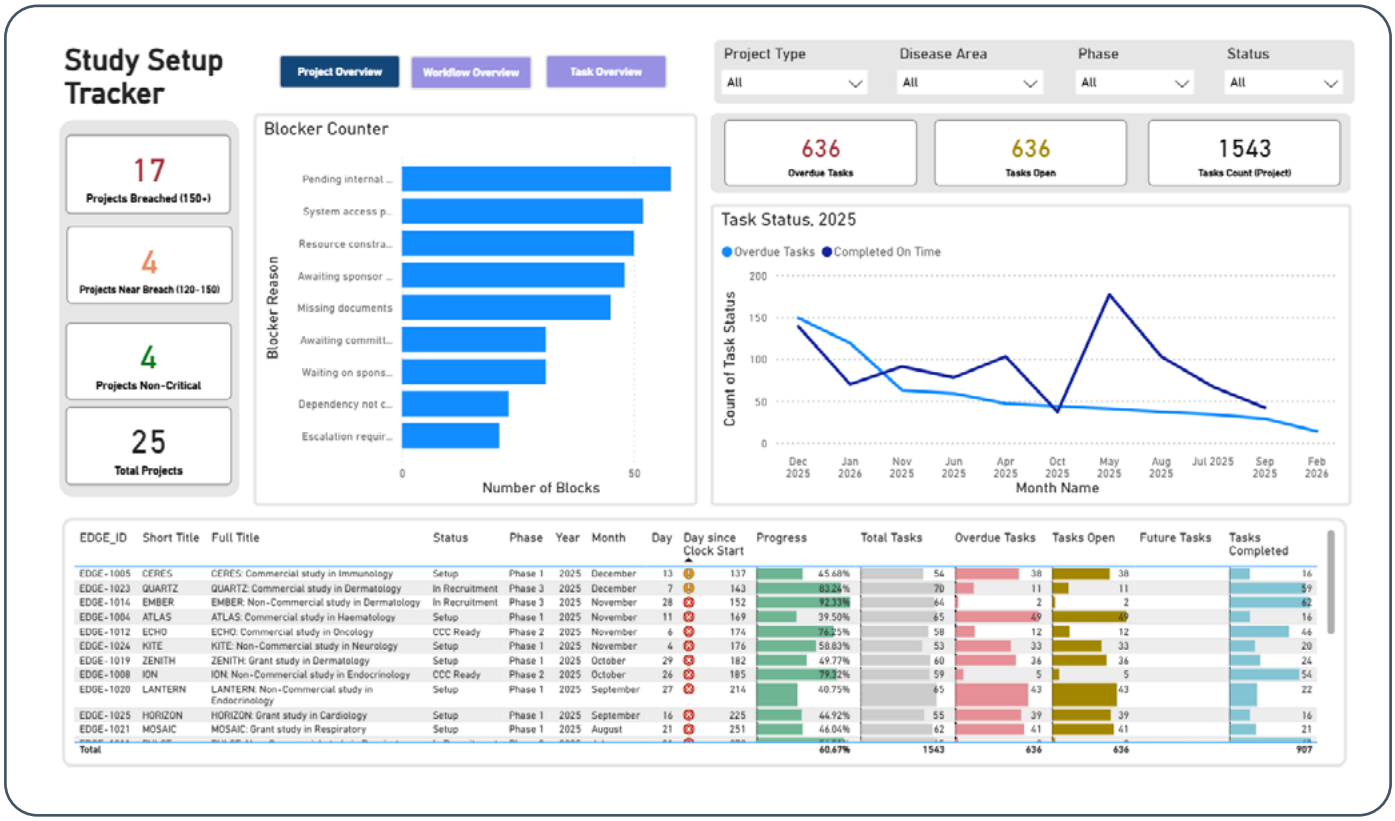
NHS
Imperial College Healthcare
NHS Trust

REALISING THE 150-DAY R&D (CLINICAL TRIAL) ROADMAP THROUGH DIGITAL ENABLEMENT AND PROCESS OPTIMISATION

IQVIA partners with NHS Trusts to deliver the 150-day study start up roadmap by digitally enabling and optimising end to end R&D processes. We assess current ways of working, co design streamlined digital workflows and implement automation, data and analytics solutions that reduce manual effort, remove operational bottlenecks and improve transparency across the study lifecycle.

Our approach is piloted in live environments, embedded through adoption and training, and continuously refined to deliver faster study set up, better decision making and sustainable impact at scale.

A sample dashboard screen from IQVIA's Clinical Trial Study Setup Tracker



"IQVIA helped us move from fragmented, manual processes to a digitally enabled and more efficient R&D operating model. Their ability to assess our current ways of working, redesign workflows with our teams, and apply automation, data and analytics in practice has reduced manual effort and improved decision-making across the study lifecycle."

— Heidi Saunders, Head of Clinical Research Operations, Imperial College London NHS Trust

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