Unlocking Clinical Data for Research

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The Challenge

Modern healthcare is an information business

Huge quantities of data are captured

But relatively little is used or usable to drive improvements

The Solution

Co-developed with Research Teams

Underpinned by the Observational Medical Outcomes Partnership (OMOP) common data model format

Modern data acquisition techniques to surface and tag data which is not otherwise readily available

Made accessible for onward analysis (portal, cloud-based AI tools, etc.)

Solving complex digital challenges in healthcare

The Outcomes

o Multiple known and emerging use cases

o Connected Bradford – Pseudonymised Research Database

Bradford Teaching Hospitals NHS
NHS Foundation Trust

o Imperial College – NLP to analyse smoking cessation data

NHS
Imperial College Health
NHS Trust

o Oxford University Hospitals – contemporaneous data sets to identify correlations in care and outcomes

NHS
Oxford University Hospitals
NHS Foundation Trust