



**CXAIR**  
**Ad-hoc Analysis Case Study**

# Nottingham Cancer Centre

## Case Study

### Nottingham Cancer Centre

Nottingham University Hospitals NHS Trust (NUH) is one of the country's largest and busiest acute teaching trusts. They provide acute and specialist services to 2.5 million people within Nottingham and the surrounding communities with an annual budget in excess of £682 million of public sector funding and employ over 12,000 staff.

The Nottingham Cancer Centre coordinates the provision and strategic development of cancer services across NUH. This includes both clinical services and organisational aspects such as service and pathway improvement, planning, performance, education, peer review and audit /patient information.

### The Challenge

Government legislation requires that all patients with Cancer are now entitled to treatment based on the following criteria:

- **A 14-day target** requires all patients with suspected Cancer who have received an urgent GP referral will have a maximum of a 2 week wait between the referral and their first outpatient appointment.
- **A 31-day target** requires all patients with cancer to be treated within 31 days of the decision to treat.
- **A 62-day target** requires all urgent referral patients to be treated within 62 days of the referral received by a GP.

**Failure to meet these targets result in fines for the Trust as well as affecting the level and timeliness of care a patient receives.**

It is the job of the Patient Navigators within the Centre to track the Priority Target List (PTL) on a daily and in some cases hourly basis to locate patients that are in danger of breaching their Cancer Wait Times (CWT).

The new legislation means that patients now need to be tracked from the initial referral and then kept on permanent record for the lifetime of the patient. Instead of just tracking the first treatment the Patient Navigators must now track patients through all of their treatments against a 31 day target.

This massively increases the work load for the Patient Navigators as well as significantly increasing the amount of data they need to store for audit and analysis purposes.



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### How CXAIR Has Helped

To satisfy this requirement, NUH required a fast and flexible ad-hoc enquiry and reporting tool.

Prior to using CXAIR, the Patient Navigators used to work off a single extract exported weekly from an Oracle database which they manually filtered and analysed to look for patients that were about to breach.

This file was distributed to over 30 staff responsible for monitoring patients for one or more tumour sites. This data would then be amalgamated back into a single list of patients and discussed at a weekly PTL meeting involving all Patient Navigators, PCT, business managers from each directorate, cancer related managers and members of the Cancer Centre. Using CXAIR, Patient Navigators can now log into a central web application and search across all relevant patient data and get results back in seconds.

Rather than wait to receive a manually run weekly Oracle extract file, CXAIR schedules the automatic refresh of the data on a daily basis and the Patient Navigators are always working with the latest data.

CXAIR has provided the Patient Navigators with the ability to manipulate their own data more easily and opened the CWT data up to wider, real-time use.

Despite the new legislation, CXAIR has helped NUH reduce the number of breaches as well as reduce the man-time, and therefore cost, required to satisfy their PTL tracking requirements.



"I use CXAIR every day and couldn't do my job without it."

**Pamela Ellis,**  
Performance and Redesign Manager

"The system has been in place for well over a year now and we have not had to change a thing since the original installation, maintenance is minimal."

**Jill Weller,**  
Business Change Manager



## About Connexica

Established in 2006, Connexica provides a fundamentally different approach to information retrieval and management reporting. As a software house we defy definition because we don't fit into the conventional Business Intelligence, Enterprise Search or Data Access spaces.

Our powerful querying and analysis tools help bridge the gap between all three solutions, by offering our customers the ability to index, retrieve and analyse their organisation's data at search engine speed, easily and securely from any location.

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