Cancer Care: Transforming Cancer Pathways with Automation

Since the pandemic, the NHS has failed to meet key cancer targets and struggled to deliver effective cancer pathway management, due to increasing demand on services and workforce challenges. This has not only led to a growing backlog of patients, but also increased pressure on both clinical and administrative staff.

The Need to Streamline Cancer Pathways

Intelligent Automation is supporting the NHS to deliver on key cancer targets, such as waiting times and referral to treatment (RTT) standards. By accelerating manual tasks, such as tracking patients through multiple complex pathways, and managing data across disparate clinical systems, Intelligent Automation is improving clinical outcomes by enabling the NHS to see and treat patients in a more timely and efficient manner.

Earlier Diagnosis

Faster Results and **Improved Patient Tracking**

Faster Treatment Times

System Priorities

- Improve Faster Diagnostic Standards (FDS) - 75% of cases to be diagnosed at stage 1 or 2 by 2028
- Meet 31 and 62-day treatment targets
- Deliver personalised care
- Maximise capacity across the system
- Develop strategic partnerships

Key Benefits of Intelligent Automation:

Transforms Patient Care

Reduces Referral Backlog

Improves Waitlist Managements

Reduces Clinical Risk

Enhances Data Quality

Increases Workforce Capability

"In the aftermath of the COVID-19 pandemic, the NHS is confronting a substantial challenge in addressing the backlog of cancer care, potentially hindering national and local goals of timely diagnosis and enhanced outcomes. Embracing the potential of a digital workforce can allow trusts to unlock significant productivity gains, by eliminating a significant amount of manual processing. Moreover, this approach holds the promise of facilitating early detection, thereby reducing clinical risks and improving patient outcomes."

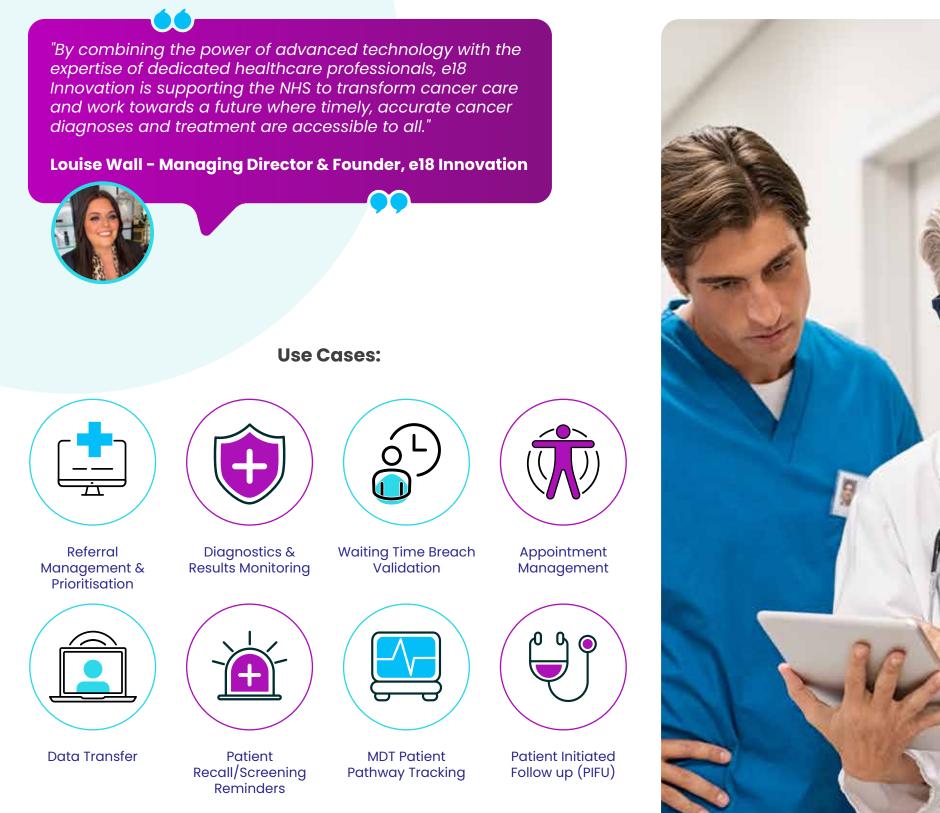**Sharon Osterfield – Transformation Director, e18 Innovation**

How Can Intelligent Automation Support the NHS to Deliver on Key Cancer Targets?

Intelligent Automation can be leveraged to support cancer pathways in several ways, including processing referrals, screening, diagnosis, triage and treatments. Automation technology is able to interoperate with all Electronic Patient Record systems and Cancer Registers to ensure productivity is maximised and information is shared in an accurate and timely manner.

Intelligent Automation can also analyse large amounts of disease specific data from multiple sources, at patient level or across regions, to identify patterns and trends that may be useful in cancer research or treatment. This can help researchers improve existing treatments or develop new ones.

Conversational AI can also be utilised to improve patient engagement by providing patients with information about their condition and treatment options, helping them to manage their symptoms and side effects, and supporting them to better manage their own care.

"By combining the power of advanced technology with the expertise of dedicated healthcare professionals, e18 Innovation is supporting the NHS to transform cancer care and work towards a future where timely, accurate cancer diagnoses and treatment are accessible to all."

Louise Wall - Managing Director & Founder, e18 Innovation

Use Cases:

Referral Management & Prioritisation

Diagnostics & Results Monitoring

Waiting Time Breach Validation

Appointment Management

Data Transfer

Patient Recall/Screening Reminders

MDT Patient Pathway Tracking

Patient Initiated Follow up (PIFU)

E18 Innovation

Automate. Innovate. Elevate.

Leveraging Intelligent Automation to transform patient care and deliver a better staff experience in the NHS.

Get in touch