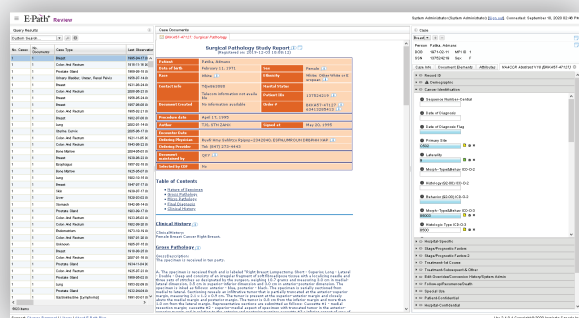


E-Path *Plus*

Cancer Registry



Case identification typically represents just the first step in the overall cancer registry reporting workflow. Execution of regulatory, coding, reporting, and care-planning data collection requirements necessitates the cancer services team review, abstract and document from any given report what is often several hundred pertinent data elements. With the volume of reports requiring abstraction increasing exponentially year-on-year, the time-consuming manual sifting of records to surface these critical individual data points not only fails to make best use of the skill-sets and experience of what is often a stretched cancer services team, but also contributes to delays in cancer research.



Introducing E-Path Plus

E-Path Plus optimises the cancer registry workflow via the introduction of significant time savings and improvements in the overall accuracy and consistency of how critical clinical data elements are surfaced and abstracted from patient medical reports.

E-Path Plus allows users within the cancer services team to better adjudicate reportable cases and fulfill the multitude of requests made of them for clinical or research datasets related to population health, clinical studies, and registry reporting.

NLP for Cancer Reporting

Inspirata's E-Path suite of cancer registry automation solutions is powered by an oncology-specific Natural Language Processing (NLP) based AI fine-tuned for cancer reporting.

While complementing existing workflows, E-Path removes operator variability and far exceeds human performance in adjudicating reportable cases to help NHS laboratories and cancer services rapidly arrive at more complete and accurate datasets.

Benefits:

- Reduces the risk of penalties for missing registry deadlines
- Improves the institutional confidence in the quality of cancer datasets
- Accelerates the review, coding, and verification of incoming pathology reports
- Eliminates the need for demographic data entry
- Reduces the amount of errors caused by missing data and human variation

Interested in Learning More?

Schedule a Demonstration of our E-Path Suite Today:

<http://inspirata.link/E-PathDemo>

Contact Us: +44 (0)1628 599304

Why Inspirata?

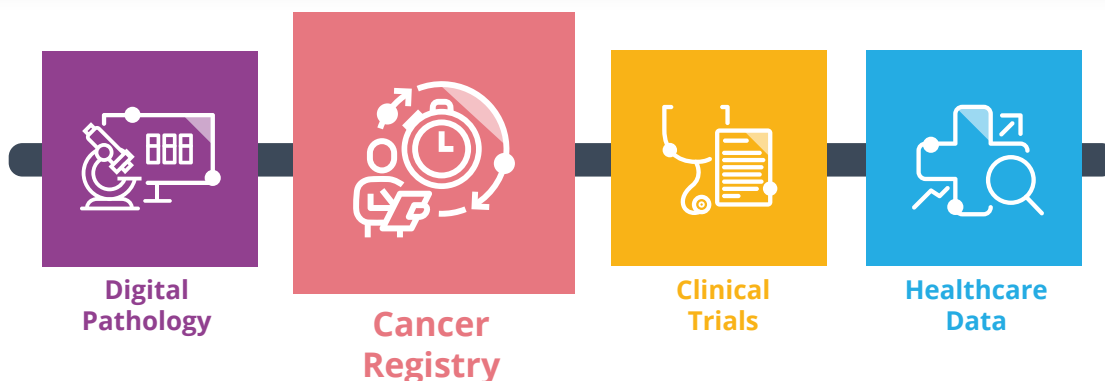
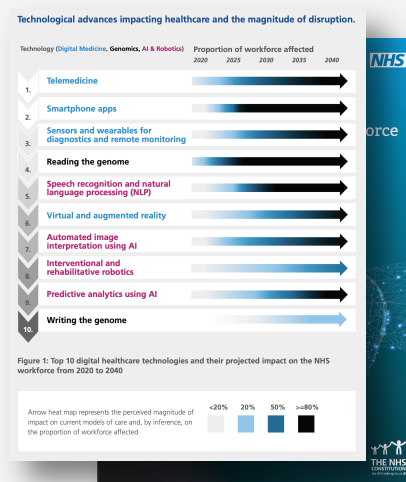
- Over 100 global institutions use our automated cancer identification and reporting solutions.
- Established cancer reporting network and workflow within which we process >20M clinical reports/year to identify all reportable cancer cases.
- 99% accuracy in cancer case-finding as documented in National Cancer Institute and other third party validation studies.
- Knowledge-driven capturing institutional and expert knowledge to enable continuous improvement.
- Designed for cancer, our NLP and AI tools are developed and continuously updated by clinical cancer experts and validated by national, state and federal registries worldwide.
- Algorithms developed by oncology experts proven to reduce 80% of manual abstraction effort.

NLP in the NHS

The Topol Review, an independent report commissioned by The Secretary of State for Health and Social Care, cited NLP as one of the top five technological advances set to impact the provision of services delivered by the NHS.

Inspirata's NLP engine is predicated on algorithms which have been proven via independent validation to achieve sensitivity and specificity scores of 99% and 98% for accuracy and completeness.

Illustration sourced from The Topol Review, 2019, pg. 27 www.topol.hee.nhs.uk



Make Every Moment Matter

Inspirata helps patients—and the clinicians they trust—make every moment matter in their fight against cancer. Our comprehensive cancer informatics solutions bring disparate data together from across the entire cancer care journey. We combine leading digital pathology solutions with automated cancer registry solutions, comprehensive cancer informatics, and advanced patient engagement tools to afford healthcare providers the broadest oncology informatics platform available.

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