

DETERMINE PRECISE CLINICAL COHORT CRITERIA FOR AI TESTING AND RESEARCH

DIMAX FOR RESEARCH



Accurately collect, process and analyze new and historical data across radiologist reports and clinical systems in real-time (PACS, RIS, EHR, CVIS, etc.)



Intelligently compare cross-specialty findings, measurements and clinical indicators associated with complex clinical conditions to uncover key clinical insights.



Accurately quantify and measure clinical and financial ROI associated with research driven improvements.



Reduce the cost, effort and complexity associated with manual cohort identification and extraction.

WHY CHOOSE US?

At Bialogics our focus is to ensure our tools provide the greatest impact to our users and we engage them to develop solutions that meet their needs.

CONTACT US



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THE CHALLENGE

Mining millions of unstructured diagnostic imaging reports to identify and build multi-disciplinary research cohorts based on specific clinical criteria, such as procedure and diagnoses, is resource intensive, time consuming and costly.

THE SOLUTION

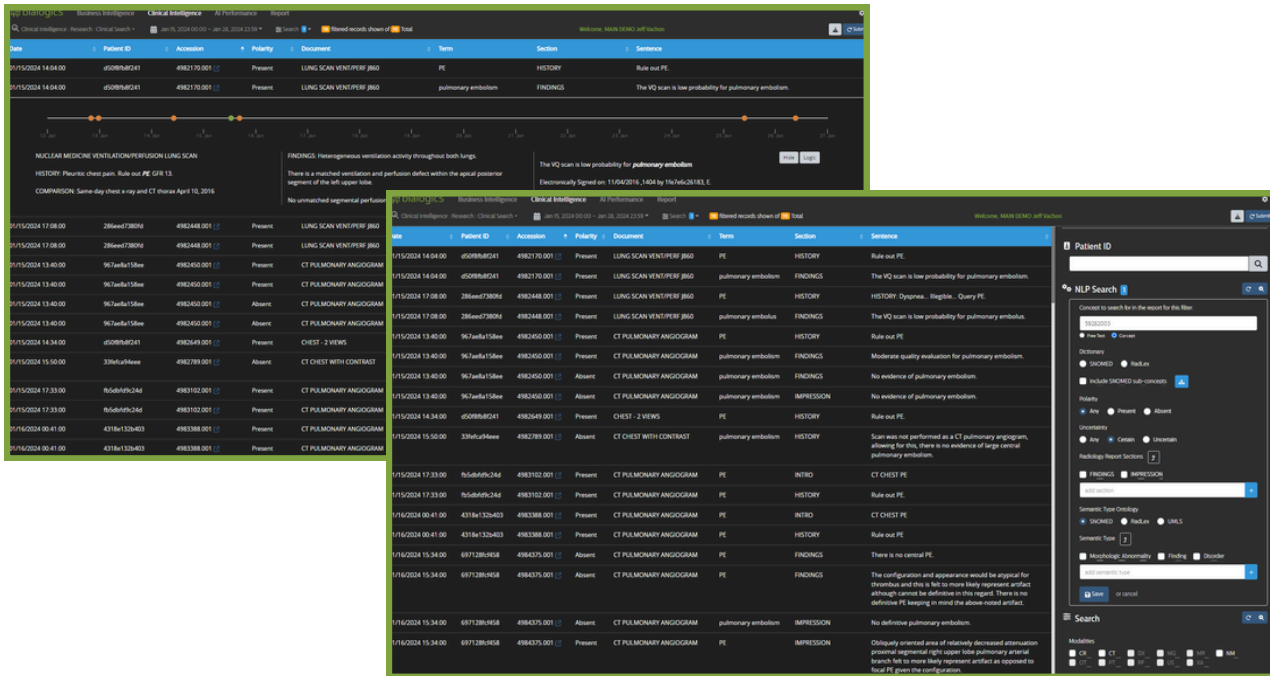
Bialogics DImax for research harnesses the power of natural language processing (NLP), using SNOMED, RADLEX or custom ontologies to create structured data out of unstructured text of medical documents to uncover insights into patient health and disease.

THE RETURN

Automating the development of cohorts with DImax significantly reduces the hours required to gather, classify and meaningfully present clinical data, freeing researchers from manual chart review and unlocking research productivity.

DIMAX FOR RESEARCH

BUILDING TIMELY AND COST EFFECTIVE RESEARCH COHORTS



- **RESEARCH ACCURATELY AND QUICKLY FOR COHORT IDENTIFICATION**
- **SNOMED/RADLEX ONTOLOGY CONCEPT AND SUB-CONCEPT SEARCHES**
- **COMBINE CLINICAL OUTCOMES AND META DATA SEARCH CRITERIA**
- **COMPLEX SEARCHES PERFORMED IN MINUTES**
- **MIGRATE PRIOR REPORTS TO EXPAND RESEARCH DATABASE**

“Existing workflow and analytics tools offered as part of your RIS/PACS are interesting for operational monitoring, but not informative enough for research or transforming patient care. The convergence of imaging metadata with knowledge extracted from diagnostic reports provides a new level of intelligence that has the potential to drive evidence-driven improvements for imaging workflow efficiency and care quality while supporting clinical research initiatives that will continue to advance disease tracking and management in the future.”

The Hospital for Sick Children (SickKids), Toronto, Canada

[Read full story here.](#)

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