TIES v5
http://ties.upmc.com

WHAT IS TIES?
- TIES is a clinical text search engine containing de-identified, concept-coded surgical pathology reports, enabling researchers to search reports and order tissue.
- Contains over 3 million reports from 2003-present across all 18 UPMC hospitals.

SIMPLE AND POWERFUL QUERY INTERFACE
- Contains multiple query interfaces, allowing creation of simple to very complex queries.

POTENTIAL SCIENTIFIC USES
- Clinical Datamining
- Biomarker Studies
- Disease Surveillance
- Tissue Banking

SEARCH FEATURES
- Finds Synonyms
- Aggregates Using Ontology
- Looks for Temporal Sequences
- Considers Negation

SECTION SEARCHING
- Lets you search within individual sections for more precise results. For e.g., search the Final Diagnosis section to eliminate false positives due to presence of search terms in the Clinical History.

QUERY RESULTS
- View query results as reports or charts.

CASESETS AND ORDERS
- Supports case sets, order management, and honest broker features to help manage tissue and data requests.

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