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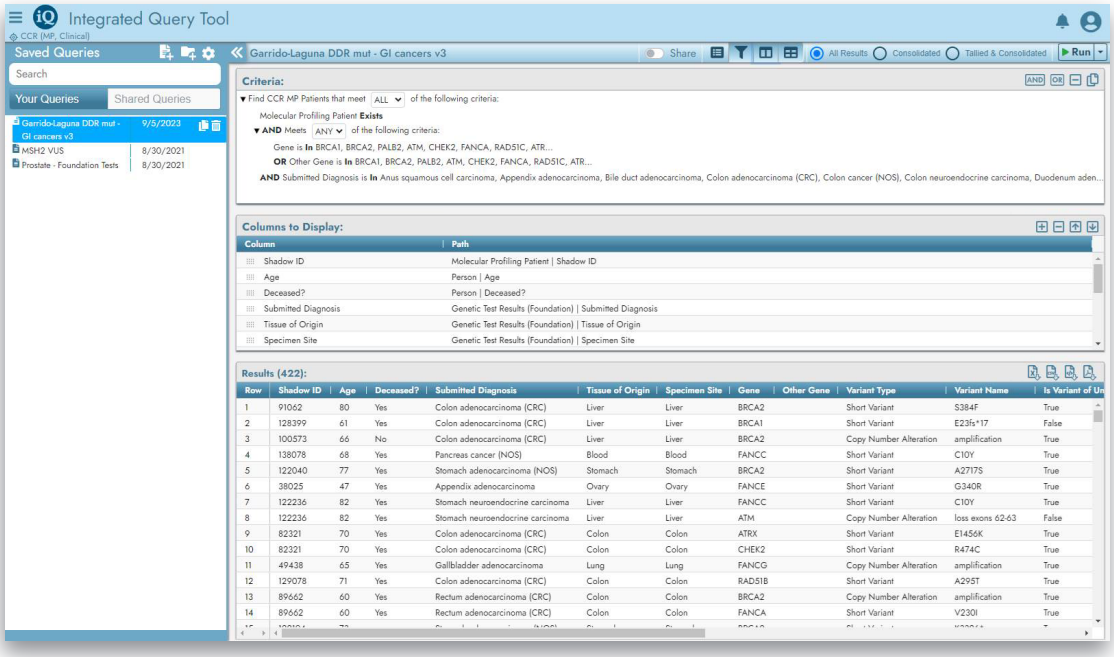
Self-Service Query Tool Integrating All Research Informatics Managed Data

Integrated Queries



CUSTOM QUERYING

A very powerful query tool developed by HCI Research Informatics that allows authorized users to create their own queries of data managed by HCI Research Informatics applications.

INTELLIGENT INTEGRATION

The tool understands connections between data, the user's permissions for that data, and pathways that connect the information in the various HCI Research Informatics applications.

DATA SOURCES

Fully integrated with multiple HCI applications and databases (CCR, RSR, Tumor Registry, Molecular Profiling, and CORE) for access to critical data from research and clinical systems.

The iQ application enables self-service data requests. It understands the connections between data, the user's permissions to that data, and pathways that connect the information in the various HCI Research Informatics software applications. The tool helps users visualize those pathways to explore data repositories and find the data they need.

Using iQ, researchers can create queries that span and bring together data from multiple systems and databases. Users can query for most data fields available from CORE, CCR, and RSR (including custom data elements), as well as the HCI Tumor Registry and Molecular Profiling.

Users can keep custom developed queries private or make them available to team members when a query might be useful to others. The iQ tool applies row level security and scrubbing at runtime based on the permissions of the user running the query, not the person who developed it.

Researchers can export query results from iQ in PDF, HTML, CSV, and Excel formats for further analysis.

The iQ tool works with the complex permissions models of the systems with which it interfaces to provide or restrict access to data as appropriate. It filters query results at the individual row and column level and scrubs them according to the user's permissions for that data.

RSR Research Informatics Shared Resource

risr.hci.utah.edu

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iQ Features

iQ is a very powerful and flexible query tool that allows authorized users to report on the data managed by HCI's research applications.

Custom Queries – The iQ tool facilitates self-service data requests. It understands the connections between data and users' permissions to that data. It also includes pathways that connect information from various systems, and it helps users visualize those pathways to explore data repositories and find the data they need.

Data Integration – User-created queries can span and bring together data from multiple systems and databases. Users can query for most data fields that are available in CORE, CCR, RSR (including any custom data elements), the HCI Tumor Registry, and Molecular Profiling.

Shared Queries – Users can keep custom queries private or make them available to team members when a query might be useful to others. Row level security and scrubbing are applied at runtime based on the permissions of the user running the query, not the person who developed it.

Results Export – Researchers can export query results from iQ in PDF, HTML, CSV, or Excel formats for further analysis.

Access Control – The iQ tool works with the complex permissions models of each application with which it interfaces to provide or restrict access to data as appropriate.

REPORTING

Provides reporting capabilities for many HCI Research Informatics applications, including CCR, RSR, and CORE.

SECURITY

Keeps research data secure and HIPAA compliant. Query results are filtered at the row and column level and scrubbed according to the user's permissions for that data.

Interfaces

The iQ tool interfaces with the following applications and databases: CORE, CCR, RSR, Molecular Profiling, and the HCI Tumor Registry.

Requirements

- Google Chrome (latest)
- Microsoft Edge (latest)

Services Available

Training
Technical Support

RISR
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