ONTOFORCE

Cohort Builder in DISQOVER

Seamlessly assemble virtual patient cohorts and accelerate your clinical development and translational research.

Clinical data harmonization and reuse to drive cost and time savings

Building a patient cohort is the process of identifying and assembling virtual patient groups for research or analysis by leveraging existing clinical trial data. Once assembled, researchers can test hypotheses, refine dose projections, assess potential drug combinations, and more, all before entering the clinic.

Build your patient cohorts in minutes

DISQOVER's benefits for cohort building

Utilize all clinical data in one platform

DISQOVER's data ingestion engine and knowledge graph allow users to link and integrate all relevant data sources from clinical trials, with an adaptable data model that can be extended to accommodate new data.

Accessible user interface

Powerful tabular views allow users to build and examine comprehensive datasets. Easily identify relevant population criteria, filter data, and export insights to other analytical tools.

Secure and compliant

As an ISO-certified product, the platform features robust authentication and authorization protocols to ensure that only authorized personnel have access to sensitive patient data.

How building a cohort works in DISQOVER

Step 1: Define your cohort

Easily define and refine your cohort criteria using DISQOVER's intuitive query builder. With built-in synonym recognition and natural language querying, explore patient populations without requiring advanced technical skills or deep knowledge of the data.

Example query: Identify breast cancer trial participants who received Arimidex (Anastrozole).

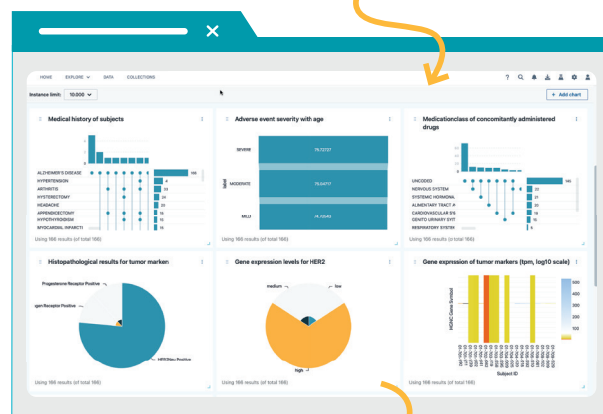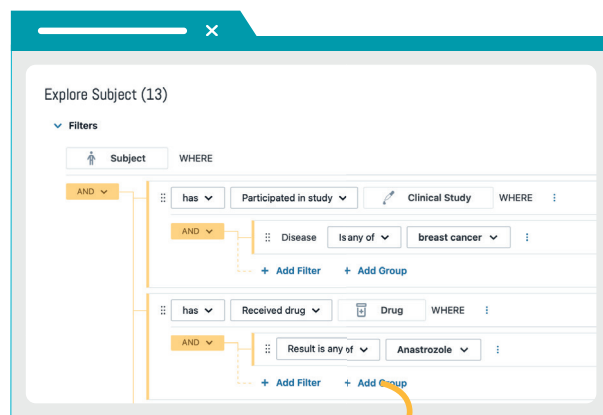## Step 2: Interact and explore the data and insights

Interactive and customizable charts provide a visual understanding of the cohort. Understand and analyze key clinical or demographic factors such as:

- Age distribution vs. adverse event severity.
- Concomitant drug interactions affecting treatment efficacy.
- Biomarker insights (e.g., HER2 expression) for precision medicine.

Step 3: Validate the cohort and report

Review and fine-tune cohort datasets through a structured table view, enabling:

- Detailed subject-level data review (e.g. demographics, trial history, lab results) with quick filtering on columns.
- Customizable columns that seamlessly integrate data from multiple concepts such as drugs, clinical studies, lab tests or biomarkers.
- Saving and exporting cohort findings for further analysis or review.

DISQOVER

The knowledge discovery platform built exclusively for the life sciences industry.

Using knowledge graph and semantic search technology, DISQOVER enables users to quickly and easily search, aggregate, and analyze a vast range of scientific and biomedical data from private, public, and licensed data sources.

Get in touch to schedule a demo

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