XCELLERATE
Clinical Data Hub

As a novel solution to aggregate data within and across multiple trials, Xcellerate® Clinical Data Hub helps standardize current operational and clinical data that feed into the Xcellerate technology suite.

Implement the optimal platform for cross-trial analysis and translational research with a state-of-the-art data warehouse for preclinical and clinical development.

Overview

As the quantity of clinical trial data has increased exponentially, sponsors need to streamline the number of data repositories and obtain complete, end-to-end clinical data management, analysis and integration.

Xcellerate Clinical Data Hub was designed to address data overload and quickly extract pertinent information that drives decision making.

Xcellerate Clinical Data Hub consists of two warehouse services: the **Xcellerate® Operational Data Warehouse** and the **Xcellerate® Clinical Data Warehouse.**

The Xcellerate Operational Data Warehouse

The Xcellerate Operational Data Warehouse stores all operational data that can support risk-based monitoring and enable near real-time integration and mapping of operational data from any source system.

Operational metrics, key performance indicators and data from multiple sources – such as the CTMS, EDC and other systems can be successfully linked, while the integrity and security of the data is enforced.

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The Xcellerate Clinical Data Warehouse

The Xcellerate Clinical Data Warehouse stores all patient data in a modern NoSQL architecture to flexibly support medical, statistical and data review, safety signal detection and other analytical and reporting needs. The warehouse enables near real-time integration and mapping of patient data from any source system to enable the integration of massive volumes of data faster, with less cost and greater reliability.

Designed as a robust foundation for real-time monitoring of clinical trials and highly scalable data loading and querying capabilities, the Xcellerate Clinical Data Warehouse is an ideal framework for cross-trial analysis and translational research.

Benefits of Xcellerate Clinical Data Hub:

Future-proof: custom-built architecture designed to scale to current and future data volumes

► **Agnostic:** integrates into existing trial management source systems

► **Easy to use:** all data is refreshed daily and automatically updated into the various systems

► **Effective:** fast access to critical data that is used throughout the system in various user types

► **Efficient:** combines all data from various systems to avoid having to look for data on these systems. Advanced workflow engine to accelerate and automate issue resolution

► **Compliant:** audit trail and history tracking supports adherence to ICH GCP and other guidelines

Learn more about our drug development solutions at
www.covance.com/Xcellerate

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