

Focus More Time on Cutting-Edge Science with our Biorepository Management System

Velos eSample is a complete biospecimen management system that supports specimen acquisition, sample annotation and tracking, storage administration, protocol, and patient linking. Velos eSample is an add-on module available within the WCG Velos eResearch clinical research management system (CRMS) that enables researchers to translate bench research into practical applications that advance human health.

Use Velos eSample as Your Preferred Centralized Infrastructure



Accurately identify samples based on individualized consent terms



Increase automation, decrease errors, and selectively provide authorized personnel access to specific data and samples



Increase data quality and access as either a standalone system or integrated with WCG Velos eResearch CRMS



Reduce data and sample siloes by using a central repository of consents, medical history, laboratory results, sample annotation, assay outcomes, study specific forms, and more



Reduce workload with automated sample kits, labels, and clinical/laboratory records



Ensure compliance with protocol, institutional policies, standard operating procedures, and regulations (HIPAA, CFR Part 11, etc.)

Storage & Inventory Management

- Design and manage virtual storage units
- Inventory biospecimens
- Maintain a library of reusable components for protocol and specimen repository design
- Create specimen bank hierarchies with attributes such as location, type, capacity, and status
- Inventory items tracked as they are checked in, shipped out, or depleted
- Facilitate tracking transfer of sample custody with customizable status options
- Facilitate label printing with various supported keywords
- Lookup sample with supported bar code readers.

Protocol-Based Sample Acquisition

Integrating with WCG Velos eResearch protocol design and study management capabilities allows you to define protocol-based sample acquisition workflows that link study coordinators' activities with inventory management, facilitating quick sample check-in.

Key Features of Velos eSample

- Track specimen acquisition, sharing, transfer, location, consented uses, and biobank management
- Document assay results and automatically upload laboratory results (with integration)
- Manage sample lineage inventory (such as child-grandparent samples)
- Collaborate within institutions or across multiple sites, virtual networks, academic centers or globally via biorepository storefronts
- Design sample collection and storage kits; associate them with study schedules
- Easily query the biorepository to find desired samples with options to search through sample, demographics and clinical data
- Analyze longitudinal and genomics data
- Automate sample kits, labels, and records.

“We selected WCG Velos eSample as it offered comprehensive functionality and flexibility to span basic, translational and clinical research.”

—DR. THOMAS ABSHIRE, SR. VICE PRESIDENT AND CHIEF MEDICAL OFFICER AT VERSITI, INC. (PREVIOUSLY BLOODCENTER OF WISCONSIN - BCW)

Learn how WCG Velos eSample can help you translate bench-to-bedside scientific advancements