



Velos eClinical

*Access, manage and analyze rich clinical data sets –
through a single application.*

Velos eResearch Product Line

Velos eResearch

- Account Management
- Study Setup
- Data Management
- Patient Management
- Reports & Ad-Hoc Queries

Velos eClinical

Velos eFinancials

Velos ePortal

Velos eIRB

Velos eSample

Velos eCardio

Velos eOncology

Velos eTools

Technology-based Services

Velos Grid Services

Velos Interface Engine

Contact Information

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The screenshot displays the Velos eClinical interface. At the top, it shows the current page as 'Patient' and 'Form Response Browser'. Below this, there are navigation tabs for 'Demographics', 'Patient Profile', 'Protocols', 'Reports', and 'Appendix'. The patient information section includes 'Pat ID: 100-001', 'Age: 52 years', 'Gender: Male', and 'Patient Name: Ong, CC Cancer Center'. A red alert indicates 'Patient Died on 03/06/2008'. The main area features a search bar and a table of lab results. The table has columns for Date, Category, Lab Name, Test Results, Units, Study Phase, and Abnormal Flag. The data rows are as follows:

Date	Category	Lab Name	Test Results	Units	Study Phase	Abnormal Flag
05/01/2006	General	Albumin	15	mmol/L	Baseline	Green
05/01/2006	General	Bilirubin	1.2	Item(3)	-	Red
05/01/2006	General	HGB	6	g/dL	-	Red
02/02/2006	General	A/G Ratio	3.5	mg/dL	-	Green

Clinical data often is buried in multiple disparate systems outcomes analysis and medical research in general at investigator sites. Access to this data can be extremely helpful in protocol feasibility assessments. Velos provides the software products, toolsets, and system infrastructure that enable customers to access and use these rich clinical data sets from within the same application that supports clinical trials and other forms of medical research. Velos eClinical also has the distinction of being able to network sites together that have the data repository and interfaces in place, thus providing quick access to valuable information across sites in a controlled and secure environment. Velos calls such data sites patient clinical profiles.

Velos system capabilities related to patient clinical profiles include:

- Clinical data repository and information system infrastructure.
- Generic interface engine and library of standard interfaces with major systems for ADT, labs, devices and other clinical information.
- Comprehensive and flexible querying and reporting tool.
- Web-based network of sites and participants on a common platform allows sharing of data with appropriate access rights and data security.
- Tools that support comparative analysis of query variations and their effect on patient eligibility statistics.



Patient Clinical Profiles

Patient Clinical Profiler enables customers to create 'profiles' of patients with generic information such as patient symptoms, diagnosis, labs, orders, family history, etc. along with user-customizable fields, specific to a site, physician, or research domain. That combination of system features enables capture of rich integrated clinical data sets often not available or easily accessible in hospital and clinic information systems. Data may be entered manually into the system or can be imported from systems that are the source for such information.

The clinical profiles thus integrate and organize data imported from multiple systems to create a secure data repository which can be queried and reported upon. Data in the repository remains at the site and is stored according to standard data transfer and storage protocol regulations. Queries can be run against these profiles for determining eligibility or for analytical purposes.

Outcomes Reporting

Velos eClinical is designed for outcomes-based reporting. Data are expressed in terms to facilitate various outcomes analyses, including patient and patient-group comparisons, severity and case-mix adjustments, as well as care-process assessments. Clinical information, orders, and notes can also be organized around clinical problems, enabling caregivers to better monitor and manage patient data.

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