



Apollo Discovery

APOLLO ADVANCE REGISTRY SOLUTION

Today's Business Challenge: Straightforward Registry Participation

Registries are rapidly becoming critical to a heart center's success. Yet harvesting data for participation can be time consuming, resource intensive, and error prone. To ensure straightforward registry participation, heart centers need an automated software solution that can interface to hemodynamic and hospital information systems to save time, resources, and reduce errors.

The Solution: Apollo Discovery — Complete Registry Solution PLUS Building Block to Complete CVIS

Apollo Discovery database enables easy, straightforward participation in the ACC-NCDR or and STS registries. PLUS, Discovery serves as a foundation for the development of a complete cardiovascular information system (CVIS)—a value added benefit not available with most other registry solutions on the market today.

Easy Registry Participation

Apollo Discovery collects all data fields required for participation through automated interfaces to hemodynamic or hospital information systems, PDAs, or through manual data entry. Once data is collected, field validation ensures that it is complete and within valid parameters. The export feature can then harvest the data and package the files for transfer to the registry. The report feature produces standard ACC and STS results for heart center physicians and administrators.

Interfaces Reduce Data Entry & PDAs Streamline Workflow

Heart centers can interface to their hemodynamic and HIS systems to reduce redundant data entry by almost 90% in a typical cath case. By using the information already in their hemodynamic and HIS systems, staff save time and reduce errors.

In addition, our PDA application allows physicians to collect patient data and registry information right in their handheld. So physicians can streamline their workflow, making registry data collection easy.

Additional Registries Available

In addition to ACC-NCDR and STS, Discovery can also be used for participation in state registries. Currently, LUMEDX offers Anthem, COAP, NCN, CCORP, New York, Massachusetts, and New Jersey state editions. Discovery leverages the data used in the national registries for the state registries, thus eliminating duplicate data entry, reducing errors, and saving valuable staff time.

LUMEDX offers an extensive range of interfaces, including:

HEMODYNAMIC SYSTEMS:

- MacLab 7000/9000/IT
- Quinton QCX Q-Cath
- Witt Biomedical Cath Lab Recorder
- TREXnet I Import
- GE Marquette Midas
- Siemens CATHCOR
- Siemens CATHCOR ACC v2
- Siemens Sensis
- Mennen H9000-WS
- Camtronics Physiolog

HOSPITAL INFORMATION SYSTEMS:

- HL7 Registration/ Admissions/Orders
- HL7 Billing Export
- HL7 Results Reporting Export
- HL7 Lab Import



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Registry-Certified Solution

LUMEDX is the No. 1 provider of ACC and STS registry software. Our domain expertise ensures that you'll always have a comprehensive, easy to use, registry-certified solution.

Beyond the Registries

Discovery gives heart centers the flexibility to add 30 completely customizable fields above and beyond the standard ACC and STS registry data. This means hospitals can customize their database to track outcomes, risk assessment, costs- whatever they choose. In addition, Apollo Discovery is compatible with SPSS for advanced statistical reports.

Building to a Complete CVIS Solution

Your investment in Discovery can be used as a building block to a full cardiovascular information system (CVIS) with Apollo Advance. Discovery easily upgrades to a full Apollo system, which is:

- **Modular.** Start with a single module, and later expand on the platform to create a complete CVIS that automates workflow and outcomes management in all areas of cardiovascular medicine. Modules include: EP, echo, electrophysiology, congenital STS, and over 30 additional specialty modules.
- **Scalable.** Built on the industrial-strength MS SQL relational database platform, Apollo Advance provides a reliable, user-friendly and scalable platform for a world-class cardiovascular information system.
- **Secure.** A host of navigation, data integrity, and security features support your efforts to collect and maintain an outcomes data repository that your clinicians can trust.

With the Discovery solution you have the straightforward registry participation you need now, the scalability to build a comprehensive CVIS in the future, and an industry-leading partner to help you build your system along the way.

About LUMEDX: With over 350 heart center clients worldwide, LUMEDX is the market leader in fully integrated cardiovascular information systems and the No. 1 independent integrator of cardiology information solutions. LUMEDX offers the most proven, comprehensive package of clinical information tools, cardiovascular products, and services to help medical institutions enhance quality of patient care, reduce costs, streamline workflow, increase patient volume, and grow revenue.



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