



**CGM LABDAQ®**

Laboratory Information System



# CGM LABDAQ



A SCALABLE LIS  
SOLUTION TRUSTED  
BY THOUSANDS OF  
PHYSICIANS AND  
LABORATORY  
PROFESSIONALS

Synchronizing Healthcare



CompuGroup™  
Medical



## THE POWER OF CGM LABDAQ®

CompuGroup Medical US  
is a Health Information  
Technology company with  
a long-term, worldwide  
presence – over 400,000  
customers in more than  
40 countries.

CGM LABDAQ can be found in virtually every clinical laboratory environment including physician offices, clinics, reference laboratories, and hospitals.

CGM LABDAQ is able to meet the needs of many types of facilities, such as student health centers, veterinary offices, pain management clinics, toxicology, and specialty testing reference laboratories. The “client-specific configuration” allows CompuGroup Medical to deliver a customized software solution designed for your facility.

CGM LABDAQ is a scalable solution that has the ability to grow with your facility. Additional interfaces and modules are available and can be added at any time based on the changing demands of your laboratory.



# EXPERIENCE CGM LABDAQ

## MAXIMIZED REIMBURSEMENTS

CGM LABDAQ increases reimbursement and optimizes profitability with tools designed to verify laboratory tests are billed correctly. User-defined rules will ensure that all testing and billing procedures are tracked and enforced, assisting with accurate and timely payment.

## TOTAL CONNECTIVITY

CGM LABDAQ provides real-time access to necessary parties outside the laboratory. Interfaces with your EHR and practice management system (orders, demographics, results, and billing information) provide you with seamless connectivity and interoperability. Bi-directional interfaces to national and regional reference laboratories are also available.

## INCREASED PATIENT SAFETY

Patient care is of the highest importance for all healthcare professionals. CGM LABDAQ safeguards patients through high quality, accurate processes and results. It improves efficiency while reducing errors, ensuring results are precise, accurate, and available to providers as quickly as possible.

## IMPROVED WORKFLOW

CGM LABDAQ offers an easy-to-use and intuitive user experience that is easily configured to fit your facility's unique environment. The LIS will automate pre-analytic, analytic, and post-analytic activities, eliminating tedious manual entry and reducing the possibility of human error.

## REGULATORY AND HIPAA COMPLIANCE

CompuGroup Medical works closely with regulatory agencies to provide the required tools to assist with compliance. CGM LABDAQ has an established record of updating software to meet new regulations. Laboratory inspections require less preparation with the CGM LABDAQ Quality Control and Document Management options. User-defined rules ensure that laboratory procedures are followed.

## DATA INTEGRITY, SECURITY, AND SCALABILITY

CGM LABDAQ enables the scalability and customization needed to support labs as business needs change. CGM LABDAQ is built on one of the most trusted open-source, object-relational databases available. CGM LABDAQ provides optimum data storage, security, and performance.

**COMPUGROUP MEDICAL**  
SYNCHRONIZING  
THE SYSTEMS OF  
HEALTHCARE WITH  
YOUR MISSION OF  
PATIENT CARE

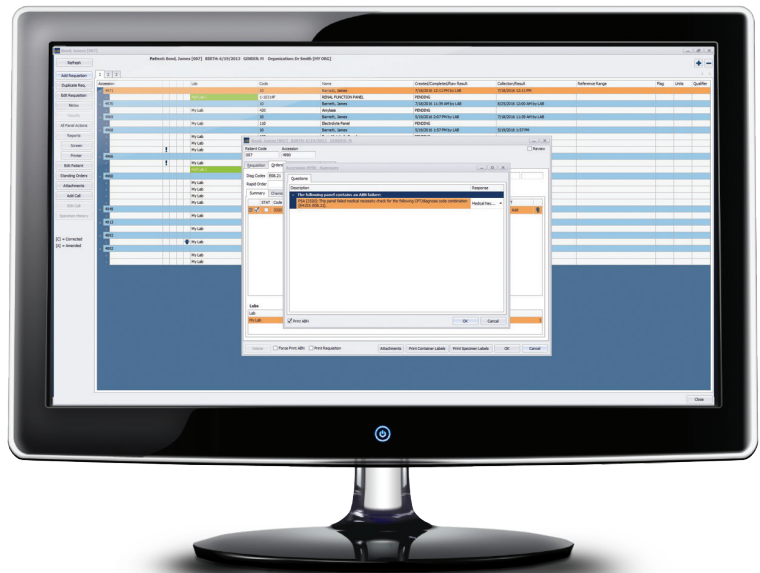
## MAXIMIZED REIMBURSEMENTS

CGM LABDAQ includes multiple tools to maximize the profitability of the laboratory.

- Integration with a billing system ensures all laboratory charges are captured and billed
- Medical necessity checking automatically confirms diagnoses are appropriate for tests ordered. Advanced Beneficiary Notice (ABN) will document the patients' responsibility for payment if the tests are not covered by Medicare
- Test routing rules will route tests to the appropriate reference laboratory, preventing your laboratory from performing tests that will not be reimbursed
- Cost accounting reports display costs vs. expected revenue for the tests performed
- The Preventative Services report improves laboratory revenue by prompting the user when patient screening tests can be performed, as allowed by insurance



*Medical necessity checking ensures timely reimbursements*



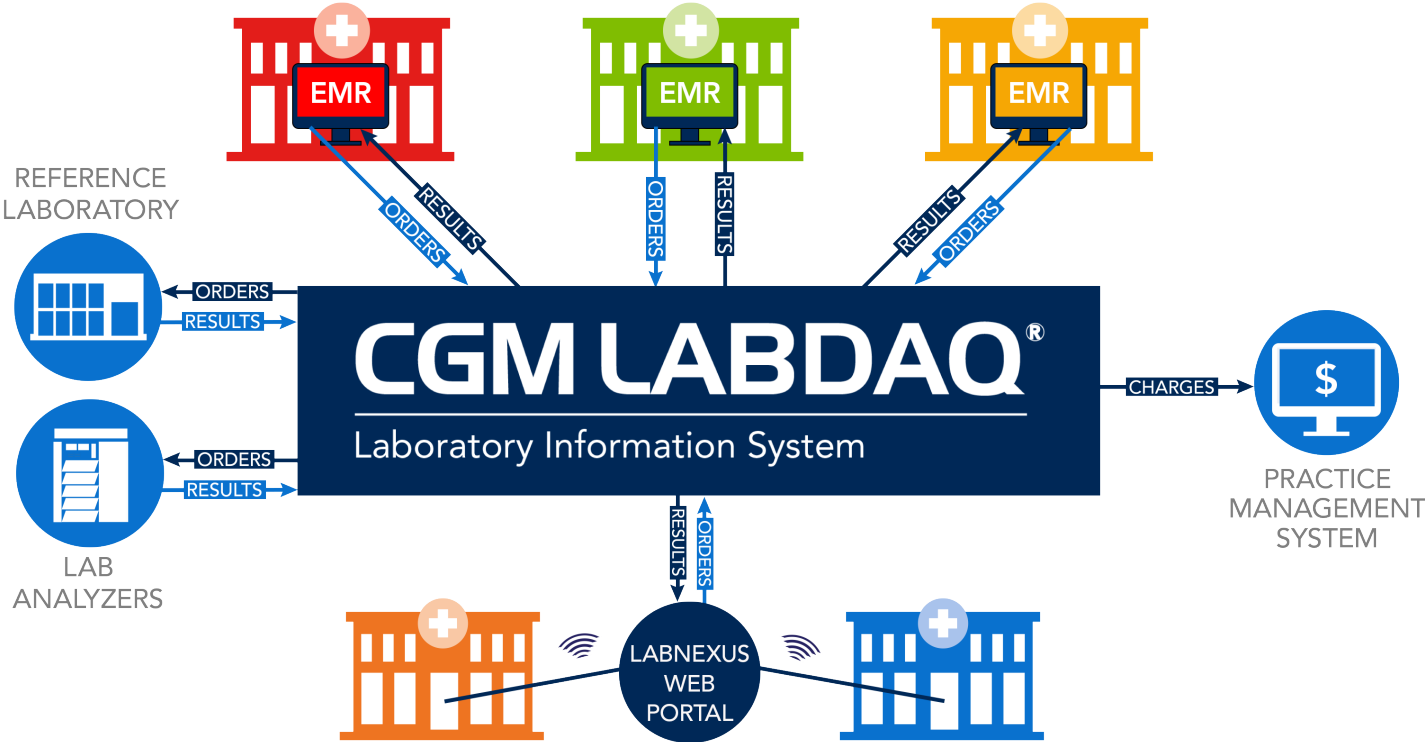
## TOTAL CONNECTIVITY

CGM LABDAQ rapidly processes orders and disseminates results, providing the ability to effectively share data throughout your facility. Reference laboratories can also directly interface with client EHR systems. A dedicated systems integration department ensures any interface your organization requires will be completed efficiently.



### CGM LABDAQ HAS AN ESTABLISHED LIBRARY OF INTERFACES:

- Laboratory Analyzers
- Electronic Health Records (EHR)
- Hospital Information Systems (HIS)
- Practice Management Systems
- National and Regional Reference Laboratories
- Laboratory Outreach Systems
- State Health Departments





## SHARE DATA IN REAL TIME WITH CGM LABDAQ

## INCREASED PATIENT SAFETY

With the shortage of qualified laboratory scientists, it's important to be sure you're running a lean operation without sacrificing patient care.

CGM LABDAQ improves efficiency while reducing errors. Good laboratory practices are supported throughout the testing process, ensuring that results are precise, accurate, and available to providers.

The system will enhance patient care in your office with various features including:

- Accurate patient identification with specimen labeling
- Specimen and container requirements that ensure specimens are collected correctly
- Real-time faxing, emailing, and result export to the EHR that ensure critical patient results are distributed quickly
- Automatic alerts for critical test results
- Critical call logs and audit reports

## DATA INTEGRITY, SECURITY & SCALABILITY

CGM LABDAQ has intrinsic functionality for protecting data integrity and performing data recovery.

### BENEFITS INCLUDE:

- Data recovery up to the moment of failure
- Data archiving not required
- Automated backup process without LIS interruption or downtime
- Transfer of data for client-provided remote data backup
- Redundant hard drives to protect against downtime (recommended)
- No significant storage limits other than physical storage capacity

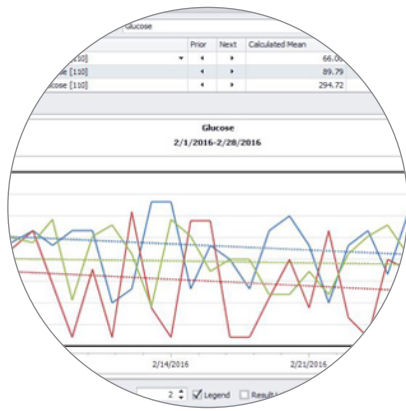


## REGULATORY & HIPAA COMPLIANCE

CGM LABDAQ provides advanced functionality to support regulatory and HIPAA compliance.

### FEATURES INCLUDE:

- Strong password protection
- User permission settings
- An audit trail that records system access at the user level
- Control Graph Studies that display multi-level controls
- Orderless QC
- QC rules that prevent the release of results if QC has not been run or is unacceptable
- Corrective action logs
- Linearity and correlation studies
- Document Management
  - Web-based option ensures document integrity; employees always have access to the most recent documents
  - Assists with documentation of approval and review
  - Generates email reminders if review of documents is pending
  - Provides managers access to overdue document reviews





## IMPROVED WORKFLOW

CGM LABDAQ automates processes throughout the phases of testing. Each lab environment is unique, and CompuGroup Medical works with you to improve the current workflow, reducing turnaround time and increasing efficiency. A user-friendly design reduces training time, allowing new users to be more productive.



CGM LABDAQ  
multi-task bar

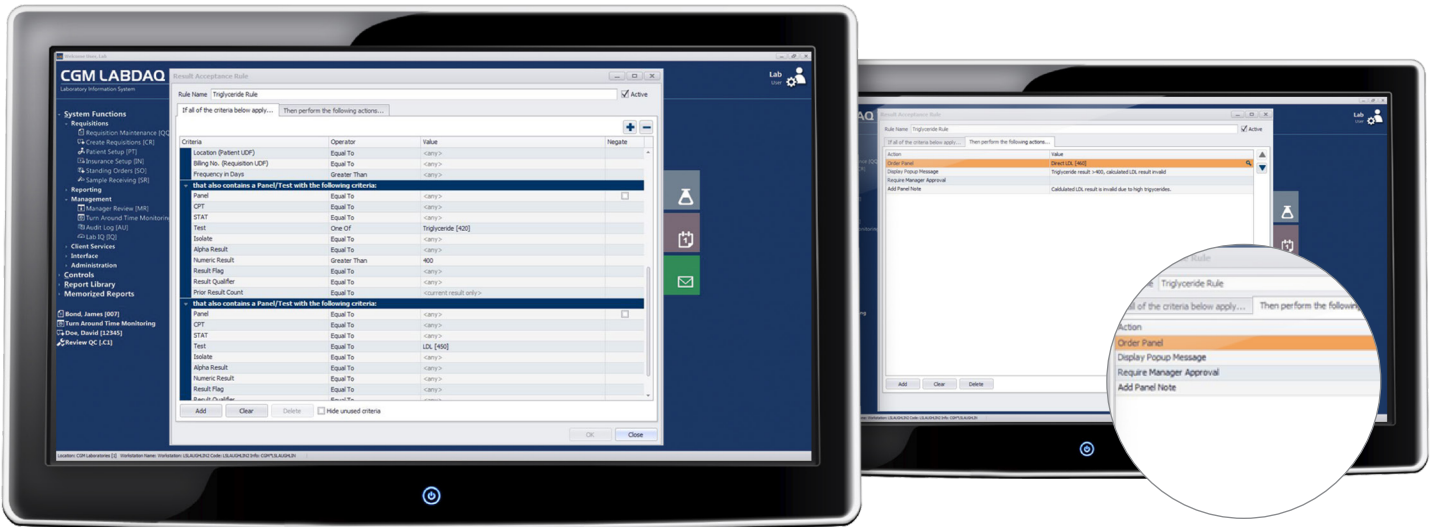


### CGM LABDAQ AUTOMATES PROCESSES WITH:

- Integration to the EHR, eliminating duplicate entry of orders and demographics
- Automatic reflexing of tests based on specific criteria
- Simplified management of reference lab orders and results
- Workflow Management
  - Simplifies processes where multiple steps are required. Generates reportable results
  - Determines what steps are pending and quickly builds plate maps
- Specimen Storage
  - Tracks the location of specimens following testing, so technicians can quickly find stored specimens

CGM LABDAQ  
**STREAMLINES**  
AND **SIMPLIFIES**  
LABORATORY  
PROCESSES





## RULES FOR AUTOMATED WORKFLOW

The rules engine allows users to create rules to eliminate errors and assist in decision making throughout the testing process. Rules are based on "if...then" criteria and can range from simple checks for required insurance data to highly complex scenarios.

## REFERENCE LAB INTERFACES

A bi-directional interface to national and regional reference laboratories consolidates orders and results in CGM LABDAQ. The Ref Lab Reconciler eliminates unnecessary time spent correcting mismatched patient data and unsolicited results received from a reference lab. When required, users can create new patients based on the data imported from the reference lab.

## CGM LABNEXUS®

The CGM LABNEXUS outreach solution provides direct connectivity between healthcare providers and your laboratory. CGM LABNEXUS offers your clients the latest web-based technologies, providing safe and reliable access around the clock to real-time laboratory data.



# CGM LABDAQ ADVANCED FEATURES

## LAB IQ

An interactive dashboard that allows users to view laboratory performance metrics.

Eliminates manual processes and increases efficiency, helping laboratories make informed business decisions. Laboratories can view and evaluate test volumes, ordering patterns, and turnaround times. Reference labs can evaluate these metrics by client to monitor performance and ensure high customer satisfaction.

## DATA MINER

Allows you to query the database and export information, assisting with patient outcome studies required by many insurance carriers.

Users can define database queries for specific data combinations. For example, a facility may run a query to extract the males over 40 years old with a PSA result greater than 4 ng/mL.

## CLIENT SERVICES

This powerful tool, designed for reference laboratories, assists in supporting your customers.

Client contact information is stored in the Client Services option for easy access. Your customer support staff will be able to rapidly open calls, update existing calls, and view communication history with outreach clients. Laboratory personnel can open calls at the requisition level if a specimen is unacceptable or results require follow up. Calls can be assigned to the appropriate person within your facility, and follow-up actions can also be scheduled. The end result is satisfied customers with improved care for their patients.

## INVENTORY MANAGEMENT

Allows users to increase efficiency by facilitating the intake and removal of inventory.

Users are alerted when inventory is low and/or nearing expiration. Users can quickly determine the reagents used for each test and obtain all accessions associated with a particular lot.

## DOCUMENT MANAGEMENT

Assists labs with attaining and maintaining CLIA compliance.

Designed to document approval and review of documentation and ensure the most recent documentation is available to all users. The software is web-based so that documents are accessible to remote users.



# THE COMPUGROUP MEDICAL EXPERIENCE

**COMPUGROUP MEDICAL VALUES ITS CLIENTS AND DOES EVERYTHING POSSIBLE TO CREATE A POSITIVE EXPERIENCE FOR YOUR ORGANIZATION.**

From initial discussions to post-implementation support, CompuGroup Medical provides the end user with a valuable product and reliable service.

## **NEEDS ASSESSMENT**

An evaluation of your organization's workflow will assist in ensuring that the perfect solution for your facility is presented. A team of CompuGroup Medical professionals will evaluate your typical day-to-day processes. The solution provided will simplify your workflow while improving efficiencies and patient care.

## **PROJECT MANAGEMENT**

A CGM LABDAQ project manager will work closely with laboratory/IT staff and other key personnel to ensure the implementation process is clearly defined and meets all client objectives. The project manager will review all software requirements and communicate responsibilities to both the client and the CompuGroup Medical implementation team.

## **SUPPORT**

The CGM LABDAQ Implementation and Support Department is staffed with medical technologists, DBAs, software application engineers, and computer and network specialists.

As a software and hardware provider, CompuGroup Medical has the technical expertise to quickly address all of your questions and issues. Our clients appreciate the knowledgeable support staff. CGM has implemented CGM LABDAQ in many unique laboratories and understands the importance of quickly resolving your issues.

CGM LABDAQ clients can be assured of direct access to a fully staffed department, dedicated to providing a superior level of support. For facilities that require around-the-clock service, CompuGroup Medical offers 24/7 support.

**Contact us  
to learn more**

For sales, call toll free  
1.800.359.0911 option 3

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**Synchronizing Healthcare**



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