# BLOOD GAS & CHEMISTRY MANAGEMENT

TELCOR QML® is operational at more than 2,700 facilities reporting results around the clock from more than 10,000 active device type connections. Regardless of location — OR, ED, cath lab, bedside, or ambulatory — knowing QML connects with these manufacturers in any location provides freedom to choose and freedom to change without impacting workflow or POC program management.

- Abbott Diagnostics
- Abbott Point of Care
- Nova Biomedical
- OPTI Medical Systems, Inc.
- Radiometer America
- Roche Diagnostics
- Siemens Healthineers
- Werfen

## FLEXIBILITY

**Unlimited workflow configurations.** QML can be configured to meet your workflow requirements. This includes using QML strictly as a pass-through for results to the LIS/EMR, or using QML to complete oxygen delivery parameters, review and document critical results, or anything in between.

**Easy to replace analyzers.** No changes are needed when it's time to replace analyzers. When it's time to replace analyzers with a different manufacturer, your current workflow does not have to change and neither does QML and your host system interfaces.

## FLEXIBLE HOST SYSTEM INTERFACES

TELCOR QML interfaces to more than 40 different clinical host systems — the most by a point of care testing middleware provider in the industry today. These interfaces include laboratory information systems, EMR/EHR systems, and other clinical applications.

Though the majority of interfaces are industry standard HL7, TELCOR interfaces are the most flexible in the industry and include hundreds of configuration options. TELCOR can support scripted (aka terminal emulation, screen scraping) interfaces to systems unable to accept HL7 result messages. QML also supports multiple simultaneous result interfaces when blood gases from a non-lab department are added to an existing QML system.

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| **Results Interface** | • Use an existing QML system to interface with the existing LIS/EMR<br>• Establish a new result interface to the LIS, EMR, or other clinical application<br>• Send results as non-ordered (unsolicited), ordered (solicited), or both |
| **ADT Interface** | • Support host query from the analyzer or an ADT pass-through interface for positive patient ID<br>• Calculate patient age and use with sex to determine reference ranges and flags for results to the EMR |
| **Orders Interface** | • Select the order when entering the patient ID (i.e., medical record number) on the analyzer<br>• Validate the accession/order number when entering it on the analyzer and then send age/sex adjusted ranges with results to the EMR |

# COMPREHENSIVE MANAGEMENT

Use some or all of the functionality available in QML based on your needs and workflow.

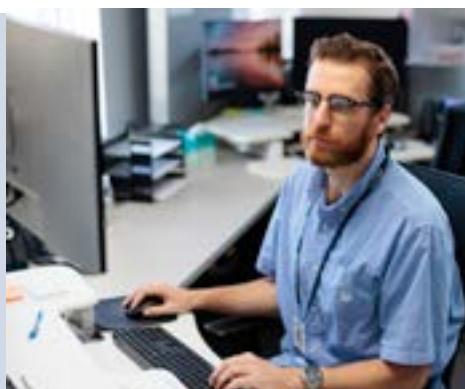| | |
|---|---|
| **Real-Time Patient Monitoring** | • Display blood gas results in the OR or cath lab suites<br>• Refresh patient results every 30 seconds to accommodate new results received from analyzers<br>• Configure the sequence and display of result information |
| **Patient Result Management** | Customer-defined rules for review of results based on:<br> • Internally defined critical values based on patient age and sex<br> • Flags received from an analyzer<br> • Documentation of critical results called<br> • Charting of customer defined oxygen delivery parameters<br> • Delta checks |
| **Quality Control Results** | • Levey-Jennings<br>• Quality control statistics with fixed SD, CV, calculated SD, Bias<br>• Device and test performance<br>• Quality control summary logs<br>• Capture of Pass/Fail determination sent from analyzers |
| **Operator Management** | • Customer defined recertification rules including:<br> » Counts of patient and QC samples performed in the previous certification period<br> » Up to 10 customizable competencies, such as direct observation, written test, etc.<br> » Recertification intervals; months for initial and subsequent<br> » Recertification date options; hire date or day of hire month, day and month of the year, previous certification date, day of birth month<br>• Automatic operator updates to devices that can accept electronic operator lists<br>• Electronic documentation of completed competencies via an eLearning interface<br>• Certification queue with operators due for certification in the next 30 days or overdue |
| **Configurations** | • Installation on customer sourced server(s); virtual, physical, or existing QML server(s)<br>• Access to QML through Citrix, Edge, and RDWeb, or physical client<br>• Application security limiting access to results by operator login<br>• Complete audit trail of all record changes and results reviewed |
| **Reporting** | • Printable patient chart report<br>• Result repository for unlimited access to any subset of data<br>• Menu of reports for statistics and metrics<br>• Print to printer, save to disk, export in XML, TXT, or CSV formats, or attach to email |

## Real people. Unlimited support. 24/7/365.

TELCOR continuously enhances QML through implementing customer requests and new technology. New QML versions, device connectivity upgrades, and hardware/server upgrades are always provided at no additional cost. Your TELCOR investment is always protected.

QML users also have unlimited access to the TELCOR industry-leading customer support team—a team of real people—all day, every day. That's our commitment to our customers.

REACH FOR MORE >>>  📞 866-489-1207  ✈ telcor@telcor.com