



APPENDIX A

Cumulative updates included in CGM LABDAQ since LabDAQ 4

Review the key enhancements developed and introduced for CGM LABDAQ since 2017, in addition to those introduced with version 21.3.

1. Database improvements
 - A database change from Oracle to Microsoft SQL Server brings additional value through:
 - An average 25% performance improvement when importing and exporting files within:
 - Patient Demographics
 - Orders
 - Results
 - Simplifying database licensing when implementing within virtual environments
 - Mitigating future ongoing third party license cost increases
2. New user experience
 - Customizable homescreen tiles with alerts and drilldown for easier navigation and troubleshooting
 - Customizable by user
 - Users can create and configure their own tiles based on the areas they visit most often
 - For example, a tile for: each analyzer, Interface Review, Report Dispatch Queue, Control Management, and Memorized Reports
 - Alerts on the tiles show areas that require attention
 - Drilldown enables a user to troubleshoot directly from the homescreen tile
 - Users can access each area individually to troubleshoot
 - Easier and faster access to reports and Management Review
 - Every report and Management Review query can be memorized
 - Reports can be tailored to each user's need
 - Saves time in repeating queries and setting up filters
3. New HL7 Interface Monitor with alerts
 - Monitors all HL7 import and export activities
 - Finds and alerts users on any transmission errors immediately to avoid delays
4. General workflow improvements:
 - All users:
 - Real-time calculations appear immediately upon test result entry (instead of waiting for results to be accepted)
 - Results history
 - Review result history with one click
 - Orderless QC
 - Ordering daily QC is no longer needed
 - Requisitions can be bypassed when running controls
 - Saves time



- Toxicology and Pain Management users:
 - For drug classes, new rules automatically review the number of drug classes to be run and automatically assign the correct G-codes for accurate and timely Medicare CPT® code assignment
- For laboratories with multiple providers and locations:
 - Settings can be applied to multiple providers and locations at once to avoid having to manage them one by one thanks to a new batch update feature
- 5. Lab IQ delivers fast insight into productivity
 - Review and filter operational data such as volume and turnaround time
 - Various different formats provided including graphs, charts, and tables
 - Trends can be marked and tracked
- 6. Multiple time zone support
 - Support across time zones where the application is deployed in multiple locations
 - Provides confidence in your time stamps and turnaround time reports
- 7. Reagent and Inventory Management
 - Manage and track reagents
 - Ensure expiration is carefully monitored
 - Catch potentially expired lots before they occur
 - Receive reorder and expiration alerts
 - Manage and track other point-of-use inventory
 - For example, consumables such as gloves or needles
 - Receive reorder alerts
- 8. Specimen Storage tracking
 - Accurately track stored specimens
 - Provides easier process for retesting and disposal in one system
- 9. Automated workflow testing steps based on results
 - For certain testing (molecular testing, for example) samples are moved automatically through to the correct next step based on the results of the previous step
 - Simplify workflows where multiple intermediate steps are part of an overall process to generate a reportable result
 - Quickly determine what steps for various workflows are pending and build plate maps