APPENDIX A

Cumulative updates included in CGM LABDAQ since LabDAQ 4

Below is a summary of the key improvements that have been introduced into CGM LABDAQ since 2017, in addition to those set out above that were introduced in CGM LABDAQ ver. 22.3.

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 Manager Review
     - Every report and Manager 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

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- 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, present, and filter operational data such as volume and turnaround time
   - Various 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

10. Gender enhancements
    - As various states require labs and EMRs to report on additional gender data (e.g. where a patient's gender identity is different from their biological gender and both must be captured correctly), CGM LABDAQ has been extensively enhanced to support multiple genders.
      - Define genders to accurately reflect a patient gender based on their state or other specific requirements
      - This support matches Medicare requirements
    - This support is extensive throughout CGM LABDAQ

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