



## » MONITOR YOUR SYSTEM STABILITY BETWEEN QC RUNS

CLINICAL INFORMATION MANAGEMENT TOOLS

**Extended Quality Control (EQC) Module**



» Move healthcare forward.



## Traditional QC becomes refined and simple—managing commercial quality control material

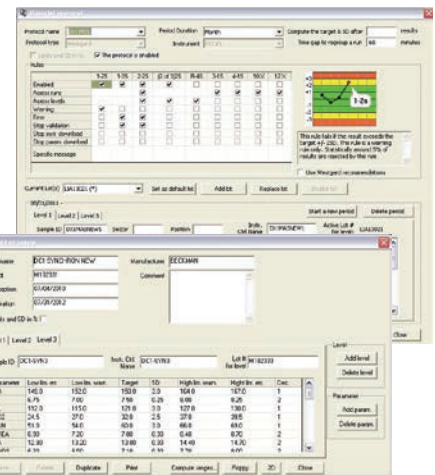
Beckman Coulter's EQC control protocols significantly expand traditional QC capabilities, making commercial quality control data management simple.

### EQC control protocols:

- › Support nine pre-programmed Westgard Rules for single- and multi-level controls
- › Offer “Range Rules,” a simple, user-defined method to calculate standard deviation limits for single-level controls
- › Enable operator selection of auto-validation controls using the Westgard Rules, and detect drift based on user-defined quality control ranges
- › Issue automatic and immediate alerts when control values or QC and moving averages are outside of the user-defined range and disable auto-validation for out-of-range tests
- › Compare and analyze QC data across runs, instruments and control levels, visually depicting control data with Levey-Jennings, Shewhart and distribution graphs, as well as a unique chart overlay for lot-to-lot comparisons



Levey-Jennings charts with overlay



Revised, easy-to-use methods to set up controls

## Automatically enhance quality without operator intervention using patient moving averages

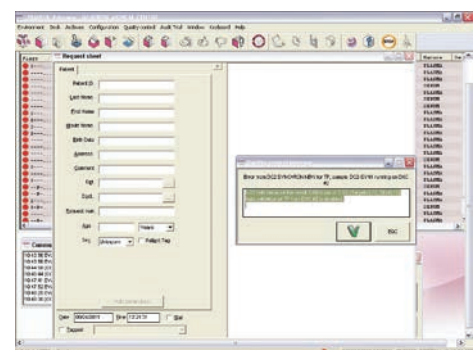
EQC Patient Protocols enable at-a-glance analysis of detailed patient statistical data to verify proper instrument operation.

### EQC patient protocols:

- › Feature three distinct control measurements
  - **Moving Average (MA):** A mean calculated for a specified number of patient results
  - **Exponentially Weighted Moving Average (EWMA):** A moving average weighted to consider the age of the results
  - **XbarB:** A hematology control protocol that considers three specific parameters and calculates a batch average
- › Filter patient results by department, doctor, age or gender and display statistical analyses in a moving average, Shewhart or distribution (bell curve) graph
- › Compare and analyze trends of results falling outside of quality control ranges instantly
- › Monitor system stability between commercial control runs without any expense to the test system
- › Provide better patient care by reducing false low or false high results with early detection



Continuously monitor the quality of your systems using patient samples



Immediate notification of QC errors

## EQC three-day, on-site training service

With the Extended Quality Control (EQC) Module On-site Training Service, an expert Beckman Coulter instructor will personally train you and one other technician on the key functions of the EQC Module. For three days, this dedicated time of intensive training will allow you to become an EQC expert faster so that your laboratory may see the time-saving and patient safety benefits of the EQC Module sooner.

### The EQC Module on-site training service includes:

- > A personal guided tour of the EQC Module
- > Hands-on training configuring EWMA protocol
- > Demonstrations of setting up commercial control and control protocols
- > One-on-one review of data exceptions, adding comments to QC results and Levey-Jennings charts

### Day One

- > Review:
  - Verify all files, network clients and printers are installed
  - One-on-one guided tour of EQC screen
- > Demonstration:
  - One EWMA protocol
  - One commercial control and one protocol
- > Hands-on:
  - Key operator configures EWMA protocol

### Day Two

- > Review:
  - EWMA protocol data collected since day one
  - Protocol setup including Westgard Rules and actions
  - Data exceptions
  - Adding comments to QC results
  - Unblocking a parameter
  - QC data by Levey-Jennings charts
- > Hands-on:
  - Key operator defines controls
  - Key operator defines one control protocol
  - Run QC material on analyzers and review EQC data files

### Day Three

- > Review:
  - EWMA data collected since day one
  - QC data statistics and Levey-Jennings graphs
- > Advise:
  - Utilization of “predefined charts” for protocols
  - Utilizing EQC on a day-to-day basis
- > Hands-on:
  - Key operator configures one “predefined chart”
  - Enabling EWMA and Westgard protocol messages and notifications

### Ordering information

- > EQC for REMISOL Advance\* A73813
- > EQC three-day, on-site training A58681

\*REMISOL Advance is a trademark of Normand-Info SAS.

†New features listed are only available on REMISOL Advance\* v1.5 or higher. EQC module for prior versions of REMISOL Advance\* may not support all features.

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