Hematology WorkCell

Today's clinical labs are busier and financially constrained than ever before, thus the need to work smarter and make each man-hour count. With Data Innovations' Hematology WorkCell, you get

The workcell automates the release of most of the specimens while providing a comprehensive view of the exceptions.

a solution that automates many of the mundane tasks and allows you to focus on the 'true exceptions.' In addition, lab technicians can view all the consolidated information on one concise screen providing a holistic approach for results review.

The human element is clearly the most important in the clinical laboratory. When you IMPower® your lab you can utilize your resources wisely and efficiently. Data Innovations" middleware can help you by:

- Automated patient results review (autoverification) without the need for technologist intervention
- Relieving technologists of mundane tasks, allowing time to attend to the true exceptions
- Affording the ability to consolidate all the critical data to one holistic screen

Features of our Hematology WorkCell include:

- Holistic, review workspace with specimen and patient information, current and previous results, results grouped by runs, images from automated cell counter instrumentation and customizable manual cell counter
- Optimized and customizable workspaces allow releasing a specific run or parts of a run and rejecting others with a simple right-click of the mouse
- Autoverification that automates a majority of the results review and can incorporate the International Society for Laboratory Hematology Consensus Guidelines (ISLH), if desired
- Support for multiple hematology instruments, multiple LIS connectivity, and multiple concurrent users
- Support for images (e.g. Histograms and Scattergrams) from all the leading instrument manufacturers
- Ability to release specimens for 2nd-level review by senior technologists or pathologists before releasing to the physician
- Tight integration with CellaVision DM96 and DM1200 systems

How it works for Centra Health:

Centra Health has been a huge proponent of the power of middleware to further streamline workflow with sophisticated decision management and rules-based intelligence. By using well-written rule sets for hematology, less than 10% of the CBC's are flagged, allowing for concentrated review of the exceptions. Says Glen McIver with Centra Health, "…the objective is for the lab techs to only have to sign in to one system and on one screen be able to see the cell counter's scattergrams, and on that same screen see the cell counts and their manual keyboard differential tally. And, to be able to do that for any and all analyzers, even if in other buildings. It's the sophisticated stuff that only with the middleware (from DI) will we be able to do."

DATA INNOVATIONS
Simple Ideas, Better Solutions