

For Immediate Release
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JACOBI PATHOLOGY DEPARTMENT EXPANDS AUTOMATION SYSTEM FOR BETTER, FASTER, SAFER PATIENT CARE

BRONX, NY, March 28, 2010- Jacobi Medical Center’s Department of Pathology, recipients of the 2010 NYC HHC Patient Safety Champion Award, recently expanded its laboratory to include the ADVIA LabCell System for diagnostic testing. The LabCell combines data management and connectivity into one fully automated system. Designed for very high volume Chemistry, Immunoassay, Hematology, Urinalysis and Coagulation testing, the LabCell has improved efficiency and turnaround time without compromising quality. The system can process up to 1,600 tubes per hour and can handle more than 20,000 samples per day.

“The addition of the ADVIA LabCell allows us to be more productive while significantly reducing operating costs,” stated Joseph Furgiuele, Director of Clinical Chemistry. “It has simplified workflow and has allowed Jacobi to reach the next level of excellence in Laboratory Medicine.”

There is also an increase in patient safety benefits – the potential for misidentifications has greatly diminished and transcription errors have been virtually eliminated. The LabCell also improves safety for Jacobi’s laboratory technologists. With the LabCell, patient samples are automatically loaded and de-capped using a “contact-less” intervention mechanism, achieving precise tube delivery and system calibration.

The LabCell sorts and archives specimens with no lost samples or miss-files, including rapid retrieval from storage when additional testing is ordered by physicians for further analysis. Utilizing micro sample capabilities, the LabCell also requires less blood to be drawn from patients reducing the need for additional venipunctures.

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2/2/2 Lab Automation

Test results are validated by technologists and are electronically entered into the Hospital Information System. Results are then reviewed online by physicians who use the findings to make important decisions about a patient's care plan.

Whether it's treatment of disease or wellness and prevention, clinical pathology plays an important role in helping clinicians understand and treat a patient's condition. "Lab automation is just another way in which Jacobi utilizes information technology for safer, better healthcare delivery," stated Mr. Furgiuele.



Caption: Jacobi Medical Center's Department of Pathology, recipients of the NYCHHC 2010 Patient Safety Champion Award, recently expanded its state-of-the-art-laboratory. Pictured (l-r) Vineetha Mancheril, Coordinating Manager, Chemistry; Sandra Wason-Ramsey, Coordinating Manager, Hematology; Olga Yeremenko, Coordinating Manager, Hematology; Joseph Furgiuele, Director of Clinical Chemistry; Alan Jablonsky, Administrative Director of Laboratories; Desiree Meighan, Associate Director of Laboratories; and Mahnaz Sairi, Associate Director of Hematology.

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About Jacobi Medical Center

Jacobi Medical Center is part of HHC's North Bronx Healthcare Network, which includes North Central Bronx Hospital. A 457-bed teaching hospital affiliated with the Albert Einstein College of Medicine, Jacobi offers numerous centers of excellence including its renowned trauma center, multi-person hyperbaric unit, burn center, surgical intensive care unit, stroke center and regional perinatal center. Jacobi's new Ambulatory Care Pavilion is a stunning complement to its recently constructed inpatient facility and allows staff to provide outpatients with high-quality care in a modern, state-of-the-art environment.