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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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.