**PRESENTATION TIME: 4:15 PM – 4:25 PM**

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**ESTABLISHING A ROUTINE HIV, HBV AND HCV TESTING MODEL IN A HOSPITAL SETTING**

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**BACKGROUND:** Although New York State and New York City have made great efforts in promoting Human immunodeficiency virus (HIV), hepatitis C virus (HCV) and hepatitis B virus (HBV) viral screening in the community, the screening rates have been low in Queens County. To increase the identification of infected individuals and connect them to care, NewYork-Presbyterian/Queens (NYP/Queens) launched the Viral Testing Initiative (VTI) project to dramatically increase routine HCV, HBV, and HIV tests among our adult patient population.

**METHODS:** VTI testing was incorporated as part of the workflow in the Emergency Department (ED) in May, 2016 and at the Ambulatory Care Center (ACC) in April, 2016. Eligible adult patients were identified through the Electronic Medical Record (EMR) system. If a patient consented, a test order was generated on EMR and processed. At the same time, the patient continued to receive standard care at test sites. Test results were obtained from lab either via mail or by calling for them.

**RESULTS:** Since the inception of the project, the average total number of patients per month tested for HCV, HBV and HIV at ACC increased from 20 to 64, while the average total number of patients per month who received HCV, HBV and HIV tests at ED increased from 27 to 459, 12 to 449, and 161 to 490 respectively. From January to August 2016, a total of 2,761 patients were tested for HIV, 9 were HIV Ab (0.3%) positive; 2,059 patients were tested for HCV, 28 were HCV Ab positive and 5 were positive for HCV mRNA (0.2%); and 1,952 patients were tested for HBV, 24 were HbsAg positive (1.2%). The project’s Patient Navigator contacted all positive patients and assisted them to receive appropriate follow up care. All communication between navigator and patients were documented in the EMR system.

**CONCLUSIONS:** NYP/Queens is the first hospital in New York State to offer triple viral tests to all eligible adults in the ED and ambulatory care setting. The data generated from this project will advance our knowledge of HCV, HBV and HIV disease burden in Queens, NY.

**CONTENT CATEGORY:** Epidemiology, clinical science, patient care, health services research

**KEYWORDS:** *HIV, HCV, HBV, Linkage to care, ED, Hospital, ambulatory care*