Sequencing Pharmacy Clinical Workflow

TAP TO GO BACK TO KIOSK MENU

Qua Tran, Chirag Desai, Jinkyu Lee, Chirag Patel, Parth Patel



Introduction/Problem

Previously in the ambulatory care setting, ambulatory pharmacists generally work off referral base notices. This limits the efficiency of pharmacists and reduces the amount of patients that they can care for. Ambulatory pharmacists require a tool in order to identify patients prior to a referral to maximize overall efficiency. Beth Israel Deaconess Medical Center (BIDMC) has created an analytic tool to identify high-risk patients and streamline workflow for ambulatory clinics in a user-friendly dashboard.

Learning Objectives:

- 1. Discuss the impact of dashboard on ambulatory pharmacy workflow.
- 2. Identify methods to maximize ambulatory pharmacist presence in the clinics.

Aim/Goal

Creating clinical and pharmacy visibility through analytical techniques to improve patient safety while optimizing clinical workflow.

The Team

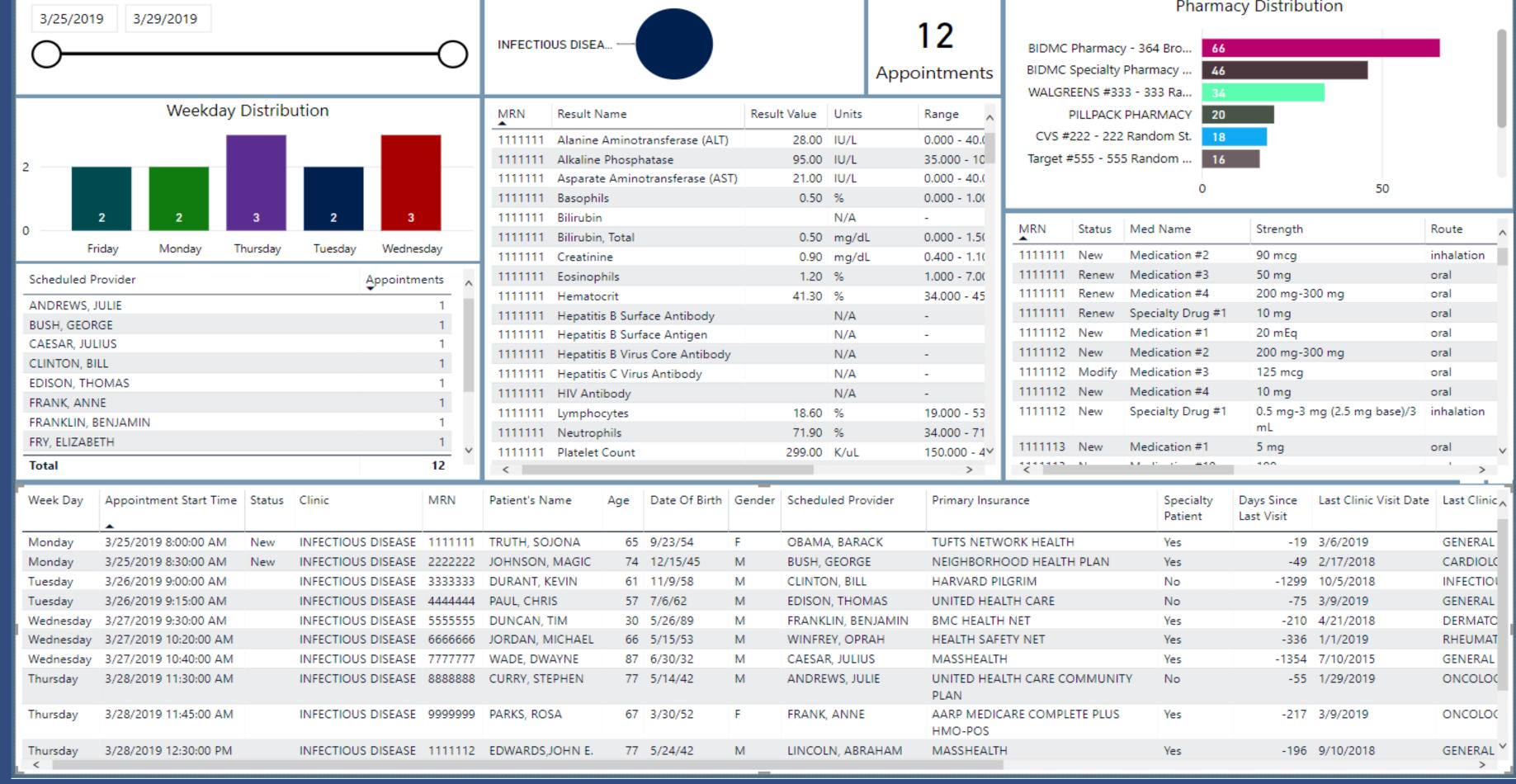
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- > Jinkyu Lee, Pharm D, CSP Specialty Clinical Pharmacist Supervisor
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The Interventions

- Patient Education Initial
- Patient Education Follow Up
- Therapeutic Optimization
- Drug Information
- Coordination of Care

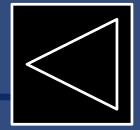
- Appeal
- Conversion New Rx (to BI or contract pharmacy)
- Conversion Existing Rx (to BI or contract pharmacy)

Results/Progress to Date



For more information, contact:

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More Results/Progress to Date

Beth Israel Deaconess Medical Center has created an application that pulls all the necessary information from the EMR system and relays it to a user-friendly dashboard. This includes, but is not limited to, prescribed medications, laboratory values, future and prior clinic history, and re-admissions. The dashboard portrays up to three weeks of data, one week prior to the given date and two weeks future of the given date. This allows pharmacists to prepare in advance for certain patients and retroactively follow-up on patients.

Target Audience:

Health Care Executives

Nurses

Nurse Practitioners

Operations Professionals

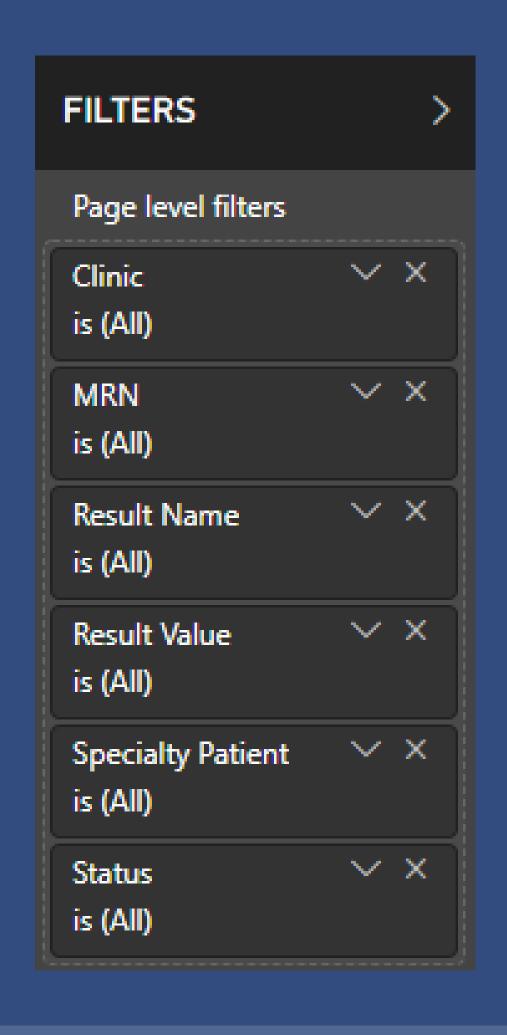
Pharmacy Technicians

Pharmacists

Physicians

Quality Improvement Professionals

General / Other Professionals in Health Care Industry



Dashboard Filters: Ability to differentiate Specialty Patients, New Prescriptions, Clinic and etc.

Pharmacists are spending more time with their patients rather than identifying high-risks patients or waiting for a referral. Prior to the rollout of the dashboards, pharmacists were seeing an average of 5-10 patients per week based off physician referrals. With the rollout of the dashboard, the amount of patients seen has at least doubled per pharmacist. The dashboard has allowed pharmacists to proactively identify patients who have not had a clinic visits in over a year or who have not had appropriate lab draws for high-risk medications. The real-time identification of these patients has been monumental for the clinic providers and allowed for full integration of a pharmacist into an interdisciplinary team for each clinic. The increased pharmacist utilization has allowed for implementing clinical pathways with high compliance as well as ensure best outcomes and provide optimal performance. The dashboard has allowed for innovative ways to utilize data-driven decision making to reduce variations in care and improve patient outcomes.

Lessons Learned

- Medication Database: Database only updates once every week
- Version 1.0 to Version 2.0: Additions of Med List, Labs, Clinics
- Same Day Schedule Changes: Inability to reflect on database
- Labs Synchronization: Inability to capture scanned in labs

Next Steps

- Addition of Ambulatory Clinical Care Pharmacists: More feedback on how to improve dashboard
- > SureScripts: Access to medication reconciliation and pharmacy dispensing history
- Medication Compliance: Addition of medication compliance through pharmacy renewals and pharmacy adjudication times

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