

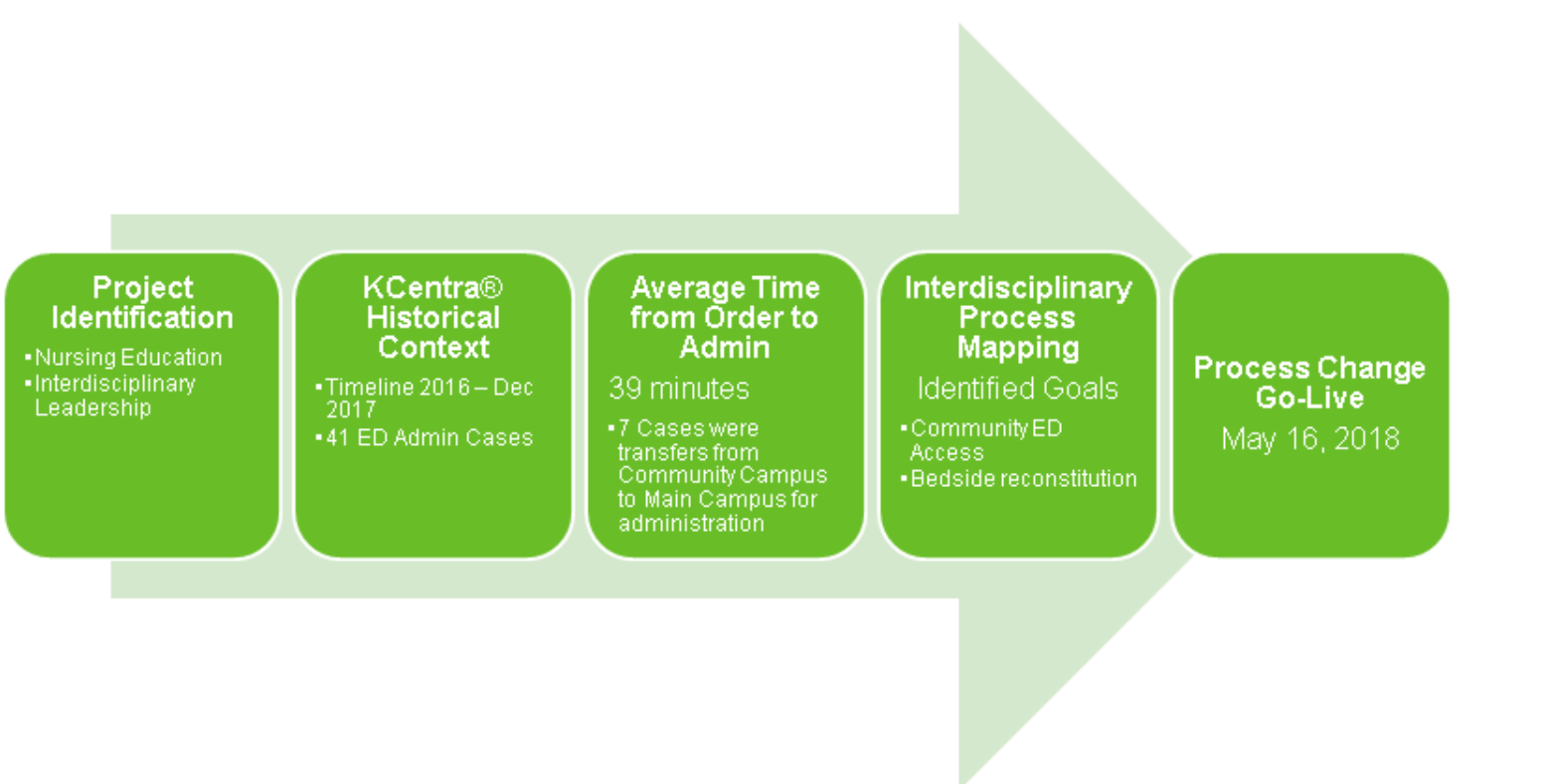
**BACKGROUND**

- Lahey Hospital & Medical Center includes two Emergency Departments under the scope of Emergency Services
- Burlington: Main Campus
  - Academic Medical Center, Level 2 Trauma Center, Comprehensive Stroke Center
  - Annual Volume: 47,333
- Peabody: Community Campus
  - Resource Limited: No in-house pharmacy support off shift
  - Annual Volume: 18,962

**PURPOSE**

- Department Change and Organizational Resources
- Increase use of 4-Factor Prothrombin Complex Concentrate (KCentra®)
- Identified opportunity
  - Standard of care across both campuses
  - Bedside nursing recognition for improvement
  - Standardization in practice

**PROJECT DESIGN AND IMPLEMENTATION**



- Bedside reconstitution identified as recommendation for change in practice
- 100% of nurses at both campuses received education
- Bedside educational materials and resources
- Pharmacy department resources for:
  - Education
  - Bedside support
- Availability of KCentra® in the Community Campus ED automated medication dispensing device for accessibility

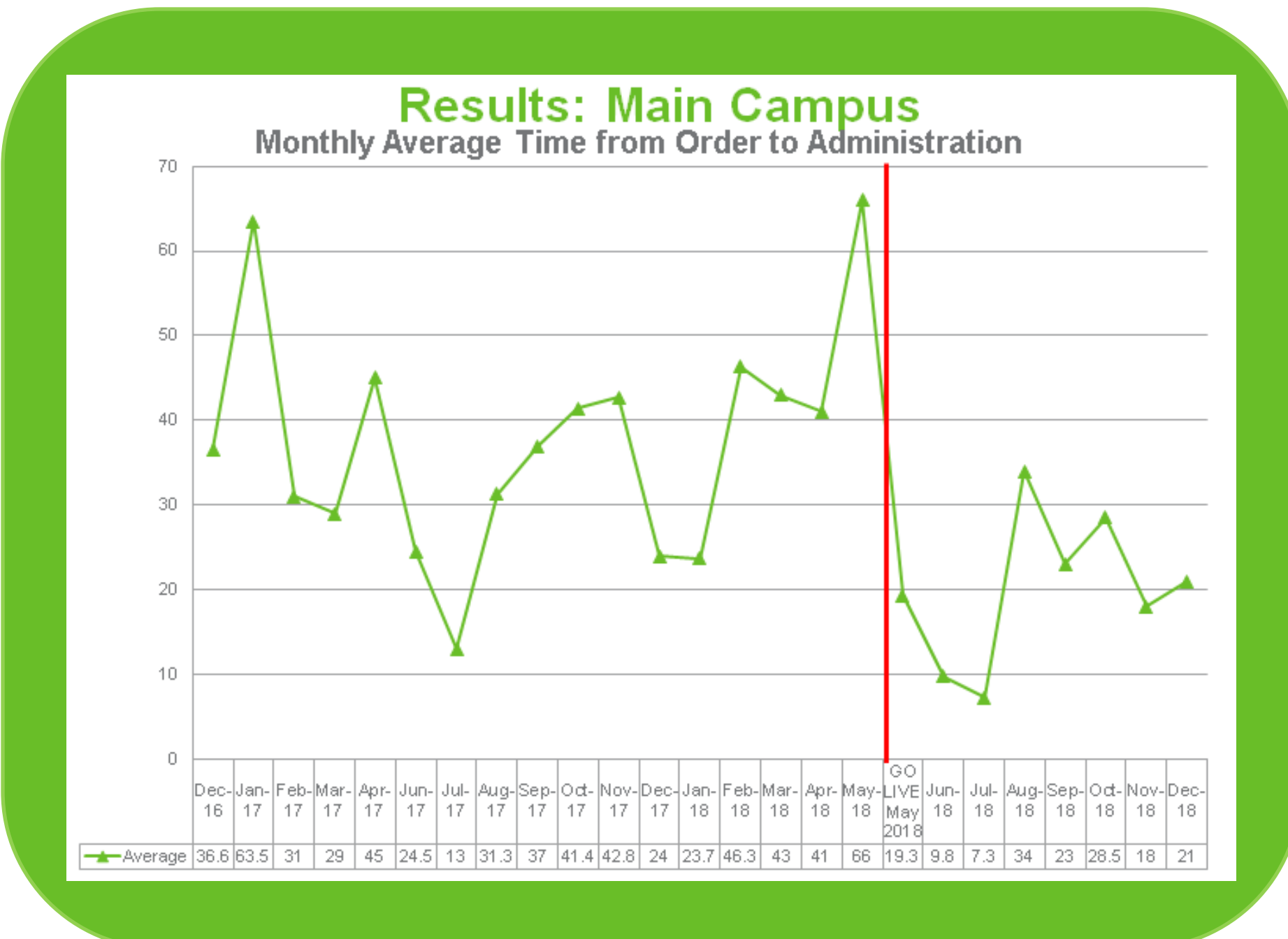
**RESULTS**

Increased availability of KCentra® in the Community Campus

- Standardization of education and resources even on off shift

Average order to KCentra® administration at Main Campus of less than 20 minutes

- Main Campus
  - 47 cases of bedside administration
- Community Campus
  - 2 cases
  - Time from Order to Administration: 33 min and 38 min
- Prior to implementation transportation averaged 30 minutes between campuses



**NEXT STEPS**

- KCentra® storage in the Main Campus Emergency Department
- Standardization of resources across shifts based on data outliers
  - Increase pharmacy resources
- Develop department expectations for order to administration times on high risk, high cost medications

**CONTACT AND ACKNOWLEDGEMENTS**

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