Background

- Advocate Health Care is the largest health system in Illinois with 12 acute-care hospitals
- Advocate Christ Medical Center (ACMC) is a non-for-profit, 749-bed, premier teaching institution with more than 1,300 physicians
- 20+ Hematology/Oncology physicians comprised of private practice and Advocate employed
- In conjunction with Advocate’s patient safety plan initiative in 2011, the oncology program embarked on computerized physician order entry (CPOE) of chemotherapy regimens
- The CareConnection Oncology project emphasized the development of a robust chemotherapy PowerPlan library to be utilized in the adult Medical Oncology Inpatient Units and Infusion Centers located on the hospital campuses
- Oncology PowerPlan library to be comprised of standard, consensus-driven, evidence-based content
- Agreement obtained for utilization of NCCN chemotherapy order templates
- Required a collaborative effort by Advocate based multidisciplinary team of clinicians and information technology experts
- Initial Oncology PowerPlan library consisted of standard of care protocols covering cancer of the Breast, Colon, Lung, Gynecologic, Prostate, and Leukemia/Lymphoma

Oncology PowerPlan

- A PowerPlan consist of an Evaluation, Ok to Proceed, Scheduled Chemotherapy, and Non-Scheduled Medication phases
- Scheduled Chemotherapy phase

ACMC

- CareConnection Oncology, in the adult population, went live October 6, 2014 with 74 chemotherapy PowerPlans available in production
- Constant education was performed to drive compliance
- Data collection began in February 2015 to monitor compliance and to drive future PowerPlan development
- Currently, there are 239 chemotherapy PowerPlans in production

Outpatient Chemotherapy Order Analysis

- 2015 Totals
- PowerPlan Ordered: 8%
- Written Appropriately: 48%
- Written Order Submitted Inappropriately: 44%

- 2017 Totals
- PowerPlan Ordered: 14%
- Written Appropriately: 84%
- Written Order Submitted Inappropriately: 2%