

# EZMQC-SCIC ACTIVITIES AND ACHIEVEMENT

Edmonton Zone Medicine Quality Council-Strategic Clinical Improvement Committee

DECEMBER, 2018

## Tracking 3 Years of Activities and Achievements 2015 to 2018



Building Capacity: Education & Projects



Strengthening Collaboration: EZ QMF, UAH DoM- AHS QI day and Patient experience



Access Partnership Project: 5 Phases and Connect Care Readiness



Measuring Improvement: Grants, AOC projects, Tableau dashboards

### Building Capacity



- Utilizing Evidence based Practice for Improving Quality (EPIQ)-QI platform, nearing **500** trained(476) Residents and Attending Physicians.
- 12 Medical Students (Informal Summer Elective QI) and 8 Credit formal elective Pharmacy 537-2 students completed May 2018
- 35 Projects all aligned to a Quality Council
- Project Posters shared at various conferences: Alberta Quality Summit(2017 and 2018), Choosing Wisely Symposium, CSIM, AGS, and NASOM
- Publications pending

### Strengthening Collaboration



- Utilizing the AHS quality management framework (QMF) linking 6 EZ hospitals with a QI physician champion as active members of quality councils.
- Linked QI Consultants assigned to the UAH and RAH Medicine Program (meet monthly) to assist with sharing and spreading QI innovations increasing impact.

- UA PGME and AHS QHI -PI department supporting Medical staff QI education Together with EZMQC-SC/C serving as the linking bridge.
- Formal celebration of QI, welcomed 300 guests for the first annual UA-DoM-AHS QI day-Oct 13, 2017. Second annual QI day-Nov16, 2018; PGME and the Stollery formally joining to share QI projects—*X number of attendees.*
- Patient advisor active member of EZMQC along with several projects obtaining input from patients which have led to co-designed interventions
- 63 Physician members and 6 site specific Executive Directors

### Access Partnership Project

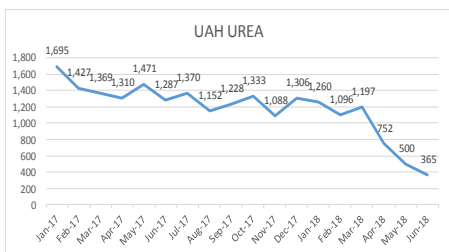


5 Phase project with 3/5 phases completed. 13 DoM Divisions have completed ARD profiles. The DoM Admins have written standard operating procedures to ensure compliance to both CPSA and AHS Path to Care referral management timestamps. Formal Linkage with ConnectCare underway to ensure operational transition supporting a paperless, centralized referral management process for each division.

### Measuring Improvement

- EZ Medicine Tableau dashboard developed. Each DoM Division identified KPIs along with DoM overarching KPIs within a draft tableau dashboard. This information will assist future Connect Care and AMHSP KPIs.
- Secured 3 years of funding for a dedicated QI consultant-Started September 2016.
- Several successful grants (EZMSA and CMO) totaling over \$150,000.00 for years 2017 and 2018
- Appropriateness of Care (AOC) Projects: Decreasing the EZ laboratory test cost burden. Involves 3 hospitals (UAH, RAH and MCH). Promoting *mindful ordering* practices amongst physicians and residents. Interventions included resident education, monitoring of ward lab Kardex and updated the UAH and RAH medicine admission order form-lab section. Lab test order frequency –daily vs daily x 3 is decreasing for all impacted wards suggesting a mindful review of the lab test order frequency is occurring. A modest decrease in lab test volumes for CBC, Lytes, Creatinine is occurring; Urea testing has significantly decreased as this test was removed from the admission order form. PDSA cycles suggest that impacting physician lab test ordering culture is possible, will take time and requires supports from standard admission order sets that standardize admission orders along with a formal review of lab test order frequency. Incremental cost saving(~100,000.00/12 months) is occurring across these hospitals and medicine wards . Approximately, 80% reduction in UAH urea ordering for 3 months post intervention (April 2018)for the UAH PDSA wards has occurred. UAH implemented the updated lab section of the Admission order form-April 2018 and RAH will implement in Fall 2018.

Graph 1: UAH ( 5D2, 3,4 5E2 and 5A4) Urea lab test ordering. Data retrieved **July 31, 2018 AHS Tableau –insert updated graph-dec**



Insert RAH data and update the data graphs

RAH– Preeclampsia lab ordering panel was updated with PDSA starting Sept 2017 which removed inappropriate lab tests. Overall change in lab costs per month: \$7410 decreased costs (anticipated \$88, 920/year in savings) based on 9 months of PDSA data

